CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMALIT 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	2,6	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT 6(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/4	32(-2;-4)	NPD	2,9	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	2,8	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT 6(8 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/5	NPD	NPD	3,1	80,55	0,15/0,15	69,45	0,13/0,13	0,75	PASS
SGG CLIMALIT 6(10 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/5	NPD	NPD	2,9	80,55	0,15/0,15	69,45	0,13/0,13	0,75	PASS
SGG CLIMALIT 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	2,8	80,55	0,15/0,15	69,45	0,13/0,13	0,75	PASS
SGG CLIMALIT 6(6 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/6/6	31(-1;-4)	NPD	3,2	80,19	0,15/0,15	68,32	0,13/0,13	0,74	PASS
SGG CLIMALIT 6(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	31(-1;-4)	NPD	3,0	80,19	0,15/0,15	68,32	0,13/0,13	0,74	PASS
SGG CLIMALIT 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	2,8	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT 8(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/6	35(-2;-6)	NPD	2,8	79,46	0,14/0,14	66,14	0,12/0,12	0,72	PASS
SGG CLIMALIT SILENCE 8(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/12/8	40(-1;-5)	NPD	2,8	78,51	0,14/0,14	60,54	0,12/0,11	0,71	PASS
SGG CLIMALIT ARENA C 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(-1;-4)	NPD	2,86	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT PARSOL GREEN 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	2,86	70,80	0,12/0,14	45,80	0,08/0,12	0,53	PASS
SGG CLIMALIT PARSOL BRONZE 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	2,86	54,40	0,09/0,13	50,40	0,09/0,12	0,58	PASS
SGG CLIMALIT SAFE PARSOL GREEN 8(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/12/10	NPD	NPD	2,8	59,43	0,10/0,13	29,34	0,07/0,10	0,39	PASS
SGG CLIMALIT SAFE 8(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/12/6	NPD	NPD	2,8	79,23	0,14/0,14	62,42	0,12/0,12	0,71	PASS
SGG CLIMALIT SAFE 33.1(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/4	NPD	NPD	2,8	80,68	0,15/0,15	66,48	0,12/0,13	0,71	PASS
SGG CLIMALIT SAFE 33.1(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/5	NPD	NPD	2,8	80,31	0,15/0,15	65,43	0,12/0,13	0,71	PASS
SGG CLIMALIT SECURIT SAFE 33.1(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C1	40K/200K	6/12/6	NPD	NPD	2,8	79,95	0,14/0,15	64,40	0,12/0,12	0,71	PASS
SGG CLIMALIT SAFE 44.1(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	8/12/6	NPD	NPD	2,8	79,23	0,14/0,14	62,42	0,11/0,12	0,69	PASS
SGG CLIMALIT SAFE 33.1(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/8/6	NPD	NPD	3,0	79,95	0,14/0,15	64,40	0,12/0,12	0,71	PASS
SGG CLIMALIT SAFE 33.1(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/10/4	NPD	NPD	2,9	80,68	0,15/0,15	66,48	0,12/0,13	0,71	PASS
SGG CLIMALIT SAFE 33.1(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/8/6	NPD	NPD	3,06	78,50	0,14/0,14	58,70	0,11/0,11	0,68	PASS
SGG CLIMALIT SAFE 44.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	2,8	78,28	0,14/0,14	59,06	0,11/0,11	0,68	PASS
SGG CLIMALIT SAFE 66.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/8	NPD	NPD	2,8	76,87	0,14/0,14	55,68	0,11/0,11	0,64	PASS
SGG CLIMALIT SAFE 66.1(12 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/12	NPD	NPD	2,7	75,50	0,14/0,14	52,60	0,10/0,10	0,63	PASS
SGG CLIMALIT SAFE SILENCE 33.1(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	2,8	79,71	0,14/0,14	62,80	0,12/0,12	0,70	PASS
SGG CLIMALIT SAFE SILENCE 44.1(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	2,8	78,28	0,14/0,14	59,06	0,11/0,11	0,68	PASS
SGG CLIMALIT SAFE 4(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/8	NPD	NPD	3,0	79,95	0,15/0,14	64,40	0,13/0,12	0,74	PASS
SGG CLIMALIT SAFE 4(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/6	NPD	NPD	3,1	80,68	0,15/0,15	66,48	0,13/0,12	0,75	PASS
SGG CLIMALIT SAFE 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	2,9	79,23	0,14/0,14	62,42	0,12/0,11	0,72	PASS
SGG CLIMALIT SAFE 8(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/12/6	NPD	NPD	2,8	79,23	0,14/0,14	62,42	0,12/0,12	0,71	PASS
SGG CLIMALIT COOL-LITE STB120 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	2,7	20,11	0,21/0,32	15,51	0,19/0,32	0,23	PASS
SGG CLIMALIT SAFE COOL-LITE STB120 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	2,7	20,05	0,21/0,32	14,63	0,19/0,30	0,23	PASS
SGG CLIMALIT SAFE COOL-LITE STB120 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	38(-1;-4)	NPD	2,6	19,86	0,21/0,31	14,21	0,19/0,28	0,23	PASS
SGG CLIMALIT SAFE PARSOL GREEN COOL-LITE ST420 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/12/6	31(-1;-4)	NPD	2,64	14,90	0,23/0,29	8,40	0,13/0,29	0,18	PASS
SGG CLIMALIT PARSOL GREEN COOL-LITE ST420 SAFE 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/6	NPD	NPD	2,64	14,90	0,23/0,29	8,00	0,13/0,26	0,18	PASS
SGG CLIMALIT SAFE PARSOL GREEN COOL-LITE ST420 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/8	38(-1;-4)	NPD	2,62	14,70	0,23/0,29	7,80	0,13/0,24	0,18	PASS
SGG CLIMALIT COOL-LITE ST150 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	2,8	46,16	0,20/0,22	38,55	0,16/0,19	0,46	PASS
SGG CLIMALIT SAFE COOL-LITE ST150 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	2,8	46,02	0,20/0,22	36,36	0,16/0,18	0,45	PASS
SGG CLIMALIT SAFE COOL-LITE ST150 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	38(-1;-4)	NPD	2,8	45,60	0,20/0,21	35,26	0,16/0,17	0,45	PASS
SGG CLIMALIT SAFE COOL-LITE ST150 66.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/6	NPD	NPD	2,76	43,80	0,19/0,21	30,20	0,13/0,17	0,40	PASS
SGG CLIMALIT ARENA C 4(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/4	29(-1;-4)	NPD	3,29	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT ARENA C 4(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	29(-1;-4)	NPD	3,09	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT ARENA C 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	29(-1;-4)	NPD	2,96	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT CLARGLAS NEW 4(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/4	29(-1;-4)	NPD	3,29	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT ARENA C 4(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	29(-1;-4)	NPD	3,09	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SECURIT 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/12/4	29(0;-3)	NPD	2,8	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT SECURIT 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	2,7	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT SAFE COLOR 33.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	2,83	35,80	0,12/0,06	34,90	0,10/0,07	0,60	PASS
SGG CLIMALIT PROTECT STIPPOLYTE 33.2(6 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1B1/NPD	40K/40K	7/6/6	NPD	NPD	3,25	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SECURIT 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/10/4	29(-1;-4)	NPD	2,9	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT SECURIT 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/20/4	NPD	NPD	2,7	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT SAFE ARENA C 33.1(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/16/6	NPD	NPD	2,71	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SECURIT PELERINE 4(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/200K	4/18/4	NPD	NPD	2,75	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT 4(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	35(-2;-5)	NPD	2,7	80,92	0,15/0,15	70,61	0,13/0,13	0,77	PASS
SGG CLIMALIT SECURIT FLEMISH 4(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/200K	4/6/4	29(-1;-4)	NPD	3,29	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE 33.1(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	NPD	NPD	2,7	79,71	0,14/0,14	62,80	0,12/0,12	0,70	PASS
SGG CLIMALIT SAFE COTSWOLD 4(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/200K	4/8/4	29(-1;-4)	NPD	3,09	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE 4(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/16/6	NPD	NPD	2,7	80,68	0,15/0,15	66,48	0,13/0,12	0,76	PASS
SGG CLIMALIT FLORIELLE 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	2,76	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SECURIT 4(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/6/4	29(-1;-4)	NPD	3,3	81,66	0,15/0,15	73,05	0,13/0,13	0,77	PASS
SGG CLIMALIT SAFE DIGITAL 4(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/6/4	29(-1;-4)	NPD	3,29	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE STIPPOLYTE 33.1(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	2,77	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT FLORIELLE 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	4/16/4	29(-1;-4)	NPD	2,74	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE 4(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C2	40K/200K	4/16/6	35(-2;-5)	NPD	2,7	80,92	0,15/0,15	70,61	0,13/0,13	0,77	PASS
SGG CLIMALIT SAFE 8(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/12/4	36(-2;-5)	NPD	2,8	80,19	0,14/0,15	68,32	0,12/0,13	0,73	PASS
SGG CLIMALIT SAFE SERA 4(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/6	NPD	NPD	2,73	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT PELERINE 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	2,64	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE DIGITAL 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/20/4	NPD	NPD	2,76	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SECURIT 4(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/8/4	29(-1;-4)	NPD	3,1	81,66	0,15/0,15	73,05	0,13/0,13	0,77	PASS
SGG CLIMALIT SAFE 33.1(10 argon) 4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/10/4	NPD	NPD	2,8	80,68	0,15/0,15	66,48	0,12/0,13	0,71	PASS
SGG CLIMALIT SECURIT BARK 4(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/200K	4/6/4	29(-1;-4)	NPD	3,29	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE 33.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	2,8	79,71	0,14/0,14	62,80	0,12/0,12	0,70	PASS
SGG CLIMALIT SAFE FLEMISH 33.1(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/200K	6/16/4	NPD	NPD	2,73	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SECURIT FLORIELLE 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/200K	4/20/4	NPD	NPD	2,76	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SECURIT EVERGLADE 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/200K	4/20/4	NPD	NPD	2,76	NPD	NPD	NPD	NPD	NPD	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMALIT PROTECT SAFE 8(10 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/10/9	NPD	NPD	2,9	78,13	0,14/0,14	58,33	0,12/0,11	0,70	PASS
SGG CLIMALIT FLEMISH 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	2,74	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SECURIT BODY TINT GREY SATINOVO 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/20/4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SECURIT SAFE 4(6 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/6/6	NPD	NPD	3,27	79,60	0,15/0,14	62,70	0,12/0,12	0,73	PASS
SGG CLIMALIT SAFE 33.1(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	6/14/6	NPD	NPD	2,7	79,95	0,14/0,15	64,40	0,12/0,12	0,71	PASS
SGG CLIMALIT 4(9 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/9/4	29(-1;-4)	NPD	3,02	80,80	0,15/0,15	69,50	0,13/0,13	0,75	PASS
SGG CLIMALIT SAFE 4(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	2,8	80,68	0,15/0,15	66,48	0,13/0,12	0,75	PASS
SGG CLIMALIT PROTECT 4(12 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/12/7	NPD	NPD	2,8	80,28	0,15/0,14	63,99	0,13/0,12	0,75	PASS
SGG CLIMALIT PROTECT 4(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/12/9	NPD	NPD	2,8	79,56	0,15/0,14	62,01	0,13/0,11	0,74	PASS
SGG CLIMALIT 5(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/4	33(-1;-4)	NPD	2,7	81,29	0,15/0,15	71,81	0,13/0,13	0,76	PASS
SGG CLIMALIT 5(10 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/10/5	NPD	NPD	2,9	80,92	0,15/0,15	70,61	0,13/0,13	0,76	PASS
SGG CLIMALIT 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	2,7	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT 6(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/5	NPD	NPD	2,7	80,55	0,15/0,15	69,45	0,13/0,13	0,75	PASS
SGG CLIMALIT 6(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/6	31(-1;-4)	NPD	2,7	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT 6(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	31(-1;-4)	NPD	2,7	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT PROTECT 6(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	2,8	78,99	0,14/0,14	60,89	0,12/0,11	0,72	PASS
SGG CLIMALIT 8(12 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/8	NPD	NPD	2,8	78,75	0,14/0,14	64,08	0,12/0,12	0,72	PASS
SGG CLIMALIT SATINOVO MATE 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	2,76	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT PROTECT SILENCE BIOCLEAN 44.2(24 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/24/13	50(-2;-7)	NPD	2,57	72,50	0,16/0,16	47,80	0,13/0,11	0,61	PASS
SGG CLIMALIT PROTECT SILENCE 66.2Si(20 air)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/9	49 (-2;-6)	NPD	2,7	76,41	0,14/0,14	53,76	0,10/0,11	0,63	PASS
SGG CLIMALIT 3(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/12/4	NPD	NPD	2,87	81,20	0,15/0,15	71,10	0,13/0,13	0,77	PASS
SGG CLIMALIT 5(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	33(-1;-4)	NPD	2,70	80,30	0,14/0,15	68,00	0,12/0,13	0,74	PASS
SGG CLIMALIT 3(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/15/4	NPD	NPD	2,76	81,20	0,15/0,15	71,10	0,13/0,13	0,77	PASS
SGG CLIMALIT 5(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/4	33(-1;-4)	NPD	2,62	80,30	0,14/0,15	68,00	0,12/0,13	0,74	PASS
SGG CLIMALIT 6(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	2,7	80,55	0,15/0,15	69,45	0,13/0,13	0,75	PASS
SGG CLIMALIT 6(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/5	NPD	NPD	2,6	80,55	0,15/0,15	69,45	0,13/0,13	0,75	PASS
SGG CLIMALIT 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	2,7	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	2,6	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
XXX CLIMALIT SAFE 33.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	2,8	79,71	0,14/0,14	62,80	0,12/0,12	0,70	PASS
SGG CLIMALIT SAFE 33.1(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	2,7	79,71	0,14/0,14	62,80	0,12/0,12	0,70	PASS
SGG CLIMALIT SAFE 33.1(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/815/6	NPD	NPD	2,7	79,71	0,14/0,14	62,80	0,12/0,12	0,70	PASS
SGG CLIMALIT SAFE 33.1(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/15/6	NPD	NPD	2,6	79,71	0,14/0,14	62,80	0,12/0,12	0,70	PASS
SGG CLIMALIT 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	2,7	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	2,6	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT 8(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/6	35(-2;-6)	NPD	2,7	79,46	0,14/0,14	66,14	0,12/0,12	0,73	PASS
SGG CLIMALIT 8(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/6	34(-1;-3)	NPD	2,7	79,46	0,14/0,14	66,14	0,12/0,12	0,73	PASS
SGG CLIMALIT 8(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/6	34(-1;-3)	NPD	2,6	79,46	0,14/0,14	66,14	0,12/0,12	0,73	PASS
SGG CLIMALIT 8(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/5	NPD	NPD	2,8	79,83	0,14/0,15	67,22	0,12/0,13	0,73	PASS
SGG CLIMALIT 8(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/5	NPD	NPD	2,7	79,83	0,14/0,15	67,22	0,12/0,13	0,73	PASS
SGG CLIMALIT 8(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/5	NPD	NPD	2,7	79,83	0,14/0,15	67,22	0,12/0,13	0,73	PASS
SGG CLIMALIT 8(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/5	NPD	NPD	2,6	79,83	0,14/0,15	67,22	0,12/0,13	0,73	PASS
XXX CLIMALIT 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	29(-1;-4)	NPD	2,7	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	29(-1;-4)	NPD	2,6	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT SAFE 33.1(6 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/6/6	NPD	NPD	3,25	78,50	0,14/0,14	58,70	0,11/0,11	0,68	PASS
SGG CLIMALIT SAFE 33.1(6 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/6/6	NPD	NPD	3,02	78,50	0,14/0,14	58,70	0,11/0,11	0,68	PASS
SGG CLIMALIT 4(6 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/4	29(-1;-4)	NPD	3,0	81,66	0,15/0,15	73,05	0,13/0,13	0,77	PASS
SGG CLIMALIT SAFE 33.1(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/14/6	NPD	NPD	2,7	79,71	0,14/0,14	62,80	0,12/0,12	0,70	PASS
SGG CLIMALIT SAFE 33.1(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/14/6	NPD	NPD	2,6	79,71	0,14/0,14	62,80	0,12/0,12	0,70	PASS
SGG CLIMALIT 33.1(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/4	NPD	NPD	2,7	80,68	0,15/0,15	66,48	0,12/0,13	0,71	PASS
SGG CLIMALIT 8(27 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/27/6	NPD	NPD	2,73	78,00	0,14/0,14	61,10	0,11/0,12	0,69	PASS
SGG CLIMALIT ANTELIO HAVANA 6(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/5	NPD	NPD	2,61	21,70	0,12/0,34	23,60	0,10/0,25	0,33	PASS
SGG CLIMALIT 8(27 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/27/6	NPD	NPD	2,73	78,00	0,14/0,14	61,10	0,11/0,12	0,69	PASS
SGG CLIMALIT 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	2,7	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT PROTECT 44.2(12 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/4	NPD	NPD	2,8	79,71	0,14/0,15	62,80	0,11/0,13	0,68	PASS
SGG CLIMALIT ARENA C 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	2,74	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT PROTECT 44.2(6 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/6/9	NPD	NPD	3,21	76,40	0,14/0,14	52,40	0,10/0,10	0,63	PASS
SGG CLIMALIT ACOUSTIC 4(10 air)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/10	36(-1;-4)	NPD	2,9	79,44	0,15/0,14	65,46	0,13/0,12	0,75	PASS
SGG CLIMALIT PROTECT 44.2(10 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/10/4	NPD	NPD	2,9	79,71	0,14/0,15	62,80	0,11/0,13	0,68	PASS
SGG CLIMALIT PROTECT 44.2(8 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/8/9	NPD	NPD	3,02	76,40	0,14/0,14	52,40	0,10/0,10	0,63	PASS
SGG CLIMALIT PROTECT 44.2(8 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/8/4	NPD	NPD	3,0	79,71	0,14/0,15	62,80	0,11/0,13	0,68	PASS
SGG CLIMALIT PROTECT 33.2(6 air)33.2	NPD	NPD	NPD	NPD	NPD	P1A/P1A	1B1/1B1	40K/40K	7/6/7	NPD	NPD	3,25	78,20	0,14/0,14	56,60	0,11/0,11	0,66	PASS
SGG CLIMALIT PROTECT 44.2(6 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/6/4	NPD	NPD	3,22	78,50	0,14/0,14	58,70	0,11/0,12	0,66	PASS
SGG CLIMALIT 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	2,7	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT ACOUSTIC 4(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	2,8	80,92	0,15/0,15	70,61	0,13/0,13	0,77	PASS
SGG CLIMALIT PROTECT 33.2(12 air)33.2	NPD	NPD	NPD	NPD	NPD	P1A/P1A	1B1/1B1	40K/40K	7/12/7	NPD	NPD	2,8	79,23	0,14/0,14	60,54	0,12/0,12	0,69	PASS
SGG CLIMALIT PROTECT 44.2(10 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/10/9	NPD	NPD	2,9	77,81	0,14/0,14	56,98	0,11/0,11	0,66	PASS
SGG CLIMALIT PROTECT ARENA C 44.2(12 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/4	NPD	NPD	2,83	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT ACOUSTIC 4(12 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/8	36(-2;-5)	NPD	2,8	80,19	0,15/0,14	68,32	0,13/0,12	0,76	PASS
SGG CLIMALIT 4(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	2,7	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
XXX CLIMALIT ARENA C 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(-1;-4)	NPD	2,86	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SECURIT 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/15/4	29(-1;-4)	NPD	2,7	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT 3(12 air)3	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/12/3	NPD	NPD	2,9	82,41	0,15/0,15	75,63	0,14/0,14	0,79	PASS
SGG CLIMALIT 4(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/4	29(-1;-4)	NPD	3,3	81,66	0,15/0,15	73,05	0,13/0,13	0,77	PASS
SGG CLIMALIT MONUMENTAL S 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(-1;-4)	NPD	2,86	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT MONUMENTAL S 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	2,76	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT 5(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/5	NPD	NPD	2,7	80,92	0,15/0,15	70,61	0,13/0,13	0,76	PASS
SGG CLIMALIT 5(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/5	NPD	NPD	2,6	80,92	0,15/0,15	70,61	0,13/0,13	0,76	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMALIT SECURIT 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/12/6	31(-1;-4)	NPD	2,8	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT SECURIT 6(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/15/6	31(-1;-4)	NPD	2,7	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT SAFE SILENCE 44.1Si(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	8/12/6	NPD	NPD	2,8	79,23	0,14/0,14	62,42	0,11/0,12	0,69	PASS
SGG CLIMALIT SAFE SILENCE 44.1Si(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	8/15/6	NPD	NPD	2,7	79,23	0,14/0,14	62,42	0,11/0,12	0,69	PASS
SGG CLIMALIT 4(6 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/6	34(-1;-3)	NPD	3,3	80,92	0,15/0,15	70,61	0,13/0,13	0,76	PASS
SGG CLIMALIT 4(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/6	NPD	NPD	3,1	80,92	0,15/0,15	70,61	0,13/0,13	0,77	PASS
SGG CLIMALIT 4(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/6	NPD	NPD	2,9	80,92	0,15/0,15	70,61	0,13/0,13	0,77	PASS
SGG CLIMALIT 4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	2,6	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT 5(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/6/4	NPD	NPD	3,3	81,29	0,15/0,15	71,81	0,13/0,13	0,76	PASS
SGG CLIMALIT 5(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/8/4	NPD	NPD	3,1	81,29	0,15/0,15	71,81	0,13/0,13	0,76	PASS
SGG CLIMALIT SECURIT 8(9 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	8/9/6	35(-2;-6)	NPD	2,78	78,00	0,14/0,14	61,10	0,11/0,12	0,69	PASS
SGG CLIMALIT SECURIT 8(9 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	8/9/6	35(-2;-6)	NPD	2,58	78,00	0,14/0,14	61,10	0,11/0,12	0,69	PASS
SGG CLIMALIT SAFE EMALIT 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/(1C0/1C2*)	200K/200K	6/16/6	31(-1;-4)	NPD	2,7	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT SAFE EMALIT 6(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/(1C0/1C2*)	200K/200K	6/14/6	31(-1;-4)	NPD	2,7	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT 5(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/5	NPD	NPD	2,8	80,92	0,15/0,15	70,61	0,13/0,13	0,76	PASS
SGG CLIMALIT SAFE 4(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/18/4	NPD	NPD	2,7	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT SAFE 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/12/4	29(0;-3)	NPD	2,8	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT SAFE 4(9 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/19/4	29(-1;-4)	NPD	2,75	80,80	0,15/0,15	69,50	0,13/0,13	0,76	PASS
SGG CLIMALIT 6(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/4	32(-2;-4)	NPD	3,1	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT SAFE EMALIT EVOLUTION 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	(1C0/1C2*)/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	2,6	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT PROTECT SERALIT EVOLUTION 6(10 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	(1C0/1C2*)/1B1	200K/40K	6/10/9	NPD	NPD	2,9	78,84	0,14/0,14	60,12	0,12/0,11	0,72	PASS
SGG CLIMALIT SERALIT 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/(1C0/1C2*)	40K/200K	8/18/4	NPD	NPD	2,7	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT 6(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	34(-1;-5)	NPD	2,7	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	2,6	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT SAFE 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/16/4	29(-1;-4)	NPD	2,7	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT DIAMANT 4(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	2,79	83,70	0,15/0,15	81,30	0,15/0,15	0,83	PASS
SGG CLIMALIT 4(10 air)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/10	36(-1;-4)	NPD	2,9	79,44	0,15/0,14	65,46	0,13/0,12	0,75	PASS
XXX CLIMALIT 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	2,8	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT ACOUSTIC 4(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/5	33(-1;-4)	NPD	2,8	81,29	0,15/0,15	71,81	0,13/0,13	0,77	PASS
SGG CLIMALIT ACOUSTIC 4(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	33(-1;-3)	NPD	2,8	80,92	0,15/0,15	70,61	0,13/0,13	0,77	PASS
SGG CLIMALIT 4(12 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/8	36(-2;-5)	NPD	2,8	80,19	0,15/0,14	68,32	0,13/0,12	0,76	PASS
SGG CLIMALIT PROTECT SILENCE 4(15 air)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/15/7	36(-1;-5)	NPD	2,7	80,28	0,15/0,14	63,99	0,13/0,12	0,75	PASS
SGG CLIMALIT PROTECT 4(16 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/16/9	37(-2;-6)	NPD	2,7	79,56	0,15/0,14	62,01	0,13/0,11	0,74	PASS
XXX CLIMALIT 4(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	35(-2;-5)	NPD	2,7	80,92	0,15/0,15	70,61	0,13/0,13	0,77	PASS
SGG CLIMALIT 4(16 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/8	36(-2;-5)	NPD	2,7	80,19	0,15/0,14	68,32	0,13/0,12	0,76	PASS
SGG CLIMALIT 4(6 air)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/10	36(-1;-3)	NPD	3,2	79,44	0,15/0,14	65,46	0,13/0,12	0,75	PASS
SGG CLIMALIT 4(6 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/6	34(-1;-3)	NPD	3,0	80,92	0,15/0,15	70,61	0,13/0,13	0,77	PASS
SGG CLIMALIT ACOUSTIC 5(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	33(-1;-4)	NPD	2,8	81,29	0,15/0,15	71,81	0,13/0,13	0,76	PASS
SGG CLIMALIT ACOUSTIC 5(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/4	33(-1;-4)	NPD	2,7	81,29	0,15/0,15	71,81	0,13/0,13	0,76	PASS
SGG CLIMALIT ACOUSTIC 5(15 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/8	35(-1;-4)	NPD	2,7	79,83	0,15/0,14	67,22	0,13/0,12	0,75	PASS
SGG CLIMALIT PROTECT SILENCE 6(12 air) 44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	39(-1;-5)	NPD	2,8	78,99	0,14/0,14	60,89	0,12/0,11	0,72	PASS
SGG CLIMALIT 6(12 air)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/10	37(-1;-3)	NPD	2,8	78,73	0,14/0,14	63,44	0,12/0,12	0,73	PASS
SGG CLIMALIT ACOUSTIC 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	2,8	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT SILENCE 6(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	6/12/8	38(-1;-4)	NPD	2,8	79,23	0,14/0,14	62,42	0,12/0,11	0,73	PASS
SGG CLIMALIT PROTECT 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	2,7	78,99	0,14/0,14	60,89	0,12/0,11	0,72	PASS
SGG CLIMALIT PROTECT SILENCE 6(12 air)44.4Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/12/10	39(-2;-6)	NPD	2,8	78,52	0,14/0,14	58,72	0,12/0,11	0,71	PASS
SGG CLIMALIT PROTECT SILENCE 6(12 air)HN113-S Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/12/14	NPD	NPD	2,8	77,11	0,14/0,14	55,34	0,12/0,10	0,70	PASS
SGG CLIMALIT ACOUSTIC 6(12 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/8	34(-1;-3)	NPD	2,8	79,46	0,14/0,14	66,14	0,12/0,12	0,74	PASS
SGG CLIMALIT ACOUSTIC 6(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-2;-5)	NPD	2,6	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT ACOUSTIC 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	2,7	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT ACOUSTIC 6(15 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/8	34(-1;-3)	NPD	2,7	79,46	0,14/0,14	66,14	0,12/0,12	0,74	PASS
SGG CLIMALIT SILENCE 6(16 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	6/16/8	40(-2;-6)	NPD	2,7	79,23	0,14/0,14	62,42	0,12/0,11	0,73	PASS
SGG CLIMALIT PROTECT SILENCE 6(16 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/9	39(-1;-5)	NPD	2,7	78,99	0,14/0,14	60,89	0,12/0,11	0,72	PASS
SGG CLIMALIT ACOUSTIC 6(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	34(-1;-5)	NPD	2,7	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT ACOUSTIC 6(24 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/4	35(-2;-6)	NPD	2,7	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT ACOUSTIC 6(25 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/25/4	34(-1;-4)	NPD	2,75	79,80	0,14/0,15	66,50	0,12/0,13	0,73	PASS
SGG CLIMALIT ACOUSTIC 6(7 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/7/4	33(-1;-4)	NPD	3,16	79,80	0,14/0,15	66,50	0,12/0,13	0,73	PASS
SGG CLIMALIT ACOUSTIC 6(9 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/9/4	33(-1;-4)	NPD	3,00	79,80	0,14/0,15	66,50	0,12/0,13	0,73	PASS
SGG CLIMALIT ACOUSTIC 8(12 air)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/10	36(-2;-4)	NPD	2,8	78,02	0,14/0,14	61,52	0,12/0,11	0,71	PASS
SGG CLIMALIT PROTECT 8(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/9	34(-1;-4)	NPD	2,7	78,28	0,14/0,14	59,06	0,12/0,11	0,70	PASS
SGG CLIMALIT PROTECT 8(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/12/9	36(-1;-5)	NPD	2,8	78,28	0,14/0,14	59,06	0,12/0,11	0,70	PASS
SGG CLIMALIT PROTECT SILENCE 8(15 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/9	41(-2;-6)	NPD	2,7	78,28	0,14/0,14	59,06	0,12/0,11	0,70	PASS
SGG CLIMALIT PROTECT 8(16 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/16/9	37(-2;-5)	NPD	2,7	78,28	0,14/0,14	59,06	0,12/0,11	0,70	PASS
SGG CLIMALIT ACOUSTIC 8(20 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/20/5	36(-1;-4)	NPD	2,7	79,83	0,14/0,15	67,22	0,12/0,13	0,73	PASS
SGG CLIMALIT ACOUSTIC 8(24 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/24/5	37(-1;-4)	NPD	2,7	79,83	0,14/0,15	67,22	0,12/0,13	0,73	PASS
SGG CLIMALIT PROTECT 8(6 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/6/9	36(0;-2)	NPD	3,21	76,60	0,14/0,14	54,20	0,11/0,11	0,67	PASS
SGG CLIMALIT PROTECT SILENCE 10(12 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/12/9	42(-1;-4)	NPD	2,8	77,55	0,14/0,14	56,75	0,11/0,11	0,68	PASS
SGG CLIMALIT PROTECT 10(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/12/9	40(-1;-4)	NPD	2,8	77,55	0,14/0,14	56,75	0,11/0,11	0,68	PASS
SGG CLIMALIT 10(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/6	36(-1;-3)	NPD	2,7	78,73	0,14/0,14	63,44	0,12/0,12	0,70	PASS
SGG CLIMALIT PROTECT 10(16 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/16/9	40(-2;-5)	NPD	2,7	77,55	0,14/0,14	56,75	0,11/0,11	0,68	PASS
SGG CLIMALIT SILENCE 10(20 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	10/20/8	45(-1;-5)	NPD	2,7	77,78	0,14/0,14	58,15	0,11/0,11	0,68	PASS
SGG CLIMALIT ACOUSTIC 10(20 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/6	37(-1;-2)	NPD	2,7	78,73	0,14/0,14	63,44	0,12/0,12	0,70	PASS
SGG CLIMALIT 10(24 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/24/6	38(-2;-3)	NPD	2,7	78,73	0,14/0,14	63,44	0,12/0,12	0,70	PASS
SGG CLIMALIT PROTECT 10(6 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/6/9	38(0;-3)	NPD	3,19	76,70	0,14/0,14	54,40	0,11/0,11	0,67	PASS
SGG CLIMALIT PROTECT SILENCE 12(12 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/10/9	43(-1;-4)	NPD	2,8	76,49	0,14/0,14	53,88	0,11/0,11	0,65	PASS
SGG CLIMALIT PROTECT SILENCE 12(12 air)44.4Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	12/12/10	43(-1;-5)	NPD	2,77	75,40	0,14/0,14	50,60	0,11/0,10	0,64	PASS
SGG CLIMALIT PROTECT SILENCE 12(20 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/20/9	44(-1;-4)	NPD	2,7	76,49	0,14/0,14	53,88	0,11/0,11	0,65	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMALIT PROTECT SILENCE 33.2(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/2B2	40K/40K	7/10/8	40(-2;-5)	NPD	2,9	78,75	0,14/0,14	59,72	0,12/0,11	0,68	PASS
SGG CLIMALIT PROTECT SILENCE 33.2Si(20 air)44.2Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/1B1	40K/40K	7/20/9	43(-1;-6)	NPD	2,7	78,52	0,14/0,14	58,72	0,11/0,11	0,68	PASS
SGG CLIMALIT PROTECT SILENCE 44.2(8 air)44.1Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/2B2	40K/40K	9/8/8	40(-1;-5)	NPD	3,02	76,40	0,14/0,14	53,20	0,11/0,11	0,64	PASS
SGG CLIMALIT PROTECT SILENCE 44.2Si(15 air)55.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/11	44(-1;-6)	NPD	2,7	77,11	0,14/0,14	55,33	0,11/0,11	0,66	PASS
SGG CLIMALIT PROTECT SILENCE 44.2Si(20 air)55.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/11	46(-2;-7)	NPD	2,7	77,11	0,14/0,14	55,33	0,11/0,11	0,66	PASS
SGG CLIMALIT PROTECT SILENCE 44.2Si(20 air)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/13	49(-2;-6)	NPD	2,7	76,41	0,14/0,14	53,76	0,11/0,10	0,65	PASS
SGG CLIMALIT PROTECT SILENCE 44.2Si(20 air)64.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/24/11	46(-1;-5)	NPD	2,7	77,11	0,14/0,14	55,33	0,11/0,11	0,66	PASS
SGG CLIMALIT PROTECT SILENCE 44.2Si(24 air)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/24/13	50(-2;-7)	NPD	2,7	76,41	0,14/0,14	53,76	0,11/0,10	0,65	PASS
SGG CLIMALIT SILENCE 55.1(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/2B2	40K/40K	10/16/8	44(-1;-6)	NPD	2,6	77,57	0,14/0,14	57,33	0,11/0,11	0,66	PASS
XXX CLIMALIT PROTECT SILENCE 64.2(20 air)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/24/11	46(-1;-5)	NPD	2,7	77,11	0,14/0,14	55,33	0,11/0,11	0,65	PASS
SGG CLIMALIT PROTECT SILENCE 64.2Si(24 air) 86.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	11/24/15	51(-1;-4)	NPD	2,6	75,05	0,14/0,14	50,83	0,10/0,10	0,63	PASS
SGG CLIMALIT PROTECT SILENCE 66.2Si(12 air)66.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/12/13	45(-1;-4)	NPD	2,7	75,05	0,14/0,14	50,83	0,10/0,10	0,62	PASS
SGG CLIMALIT SILENCE 86.1(24 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/2B2	40K/40K	14/24/8	47(-1;-6)	NPD	2,5	76,18	0,14/0,14	54,10	0,10/0,11	0,63	PASS
SGG CLIMALIT PROTECT SILENCE 10(20 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/20/9	44(-1;-4)	NPD	2,7	77,55	0,14/0,14	56,75	0,11/0,11	0,68	PASS
SGG CLIMALIT PROTECT 5(12 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/12/7	35(-1;-4)	NPD	2,8	79,92	0,15/0,14	62,98	0,13/0,12	0,73	PASS
SGG CLIMALIT PROTECT SILENCE 5(12 air)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/12/7	36(-1;-5)	NPD	2,8	79,92	0,15/0,14	62,98	0,13/0,12	0,73	PASS
SGG CLIMALIT PROTECT SILENCE 5(7 air)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/7/7	36(-1;-4)	NPD	3,15	78,90	0,14/0,14	58,90	0,12/0,11	0,71	PASS
SGG CLIMALIT ACOUSTIC 6(10 krypton)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/10	35(0;-3)	NPD	2,9	78,73	0,14/0,14	63,44	0,12/0,12	0,73	PASS
SGG CLIMALIT PROTECT 6(12 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/13	38(0;-3)	NPD	2,8	77,57	0,14/0,14	57,33	0,12/0,11	0,71	PASS
SGG CLIMALIT ACOUSTIC 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	2,7	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT PROTECT 6(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	2,7	78,99	0,14/0,14	60,89	0,12/0,11	0,72	PASS
SGG CLIMALIT PROTECT SILENCE 6(15 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	39(-2;-6)	NPD	2,7	78,99	0,14/0,14	60,89	0,12/0,11	0,72	PASS
SGG CLIMALIT PROTECT SILENCE 6(15 air)55.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	41(-2;-6)	NPD	2,7	78,13	0,14/0,14	58,33	0,12/0,11	0,71	PASS
SGG CLIMALIT ACOUSTIC 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	2,6	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT SILENCE 6(15 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	40(-1;-5)	NPD	2,6	78,28	0,14/0,14	59,06	0,12/0,11	0,72	PASS
SGG CLIMALIT ACOUSTIC 6(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	34(-2;-5)	NPD	2,6	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT PROTECT SILENCE 8(20 air)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/20/13	42(-1;-5)	NPD	2,7	76,87	0,14/0,14	55,68	0,12/0,10	0,69	PASS
SGG CLIMALIT SILENCE 10(12 air)64.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	10/12/10	42(-1;-5)	NPD	2,8	77,09	0,14/0,14	56,47	0,11/0,11	0,68	PASS
SGG CLIMALIT PROTECT 10(12 air)64.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/11	37(-1;-4)	NPD	2,8	76,85	0,14/0,14	55,13	0,11/0,11	0,67	PASS
SGG CLIMALIT PROTECT 10(12 air)88.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/17	42(-1;-3)	NPD	2,7	74,67	0,14/0,13	50,12	0,11/0,10	0,66	PASS
SGG CLIMALIT PROTECT 10(16 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/16/13	41(-1;-4)	NPD	2,6	76,16	0,14/0,14	53,59	0,11/0,10	0,67	PASS
SGG CLIMALIT PROTECT SILENCE 10(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/20/9	44(-1;-4)	NPD	2,6	77,55	0,14/0,14	56,75	0,11/0,11	0,68	PASS
SGG CLIMALIT PROTECT SILENCE 10(24 air)86.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/24/15	45(-1;-3)	NPD	2,6	75,34	0,14/0,14	51,50	0,11/0,10	0,66	PASS
SGG CLIMALIT PROTECT SILENCE 12(10 argon)64.2Si	NPD/A1	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/10/11	43(-1;-4)	NPD	2,7	75,81	0,14/0,14	52,39	0,11/0,10	0,65	PASS
SGG CLIMALIT PROTECT SILENCE 12(15 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/15/9	43(-1;-4)	NPD	2,7	76,49	0,14/0,14	53,88	0,11/0,11	0,65	PASS
SGG CLIMALIT PROTECT 12(16 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/16/13	40(-1;-4)	NPD	2,6	75,13	0,14/0,14	50,97	0,11/0,10	0,64	PASS
SGG CLIMALIT PROTECT SILENCE 12(20 air)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/20/13	45(-1;-3)	NPD	2,6	75,13	0,14/0,14	50,97	0,11/0,10	0,64	PASS
SGG CLIMALIT PROTECT SILENCE 12(24 air)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/24/9	45(-1;-2)	NPD	2,6	75,13	0,14/0,14	50,97	0,11/0,10	0,64	PASS
SGG CLIMALIT PROTECT SILENCE 33.2Si(12 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/1B1	40K/40K	7/12/11	42(-2;-6)	NPD	2,6	77,81	0,14/0,14	56,98	0,11/0,11	0,68	PASS
SGG CLIMALIT PROTECT SILENCE 33.2Si(20 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/1B1	40K/40K	7/20/11	44(-2;-7)	NPD	2,6	77,81	0,14/0,14	56,98	0,11/0,11	0,68	PASS
SGG CLIMALIT PROTECT SILENCE 44.1Si(24 argon)86.2Si	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/2B2	40K/40K	8/24/15	50(-2;-7)	NPD	2,5	75,96	0,14/0,14	53,11	0,11/0,10	0,66	PASS
SGG CLIMALIT PROTECT 44.2(15 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	36(-2;-5)	NPD	2,70	76,10	0,14/0,14	52,30	0,10/0,10	0,63	PASS
SGG CLIMALIT PROTECT SILENCE 44.2Si(20 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/11	51(-4;-10)	NPD	2,6	77,11	0,14/0,14	55,33	0,11/0,11	0,66	PASS
SGG CLIMALIT PROTECT 66.2(12 air)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P2A	1B1/1B1	40K/40K	13/24/15	41(-1;-7)	NPD	2,7	74,60	0,14/0,14	49,42	0,10/0,10	0,61	PASS
SGG CLIMALIT PROTECT 66.2(15 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	40(-1;-4)	NPD	2,67	74,40	0,14/0,14	48,60	0,10/0,10	0,59	PASS
SGG CLIMALIT PROTECT SILENCE 66.2Si(16 argon)88.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/17	46(-1;-5)	NPD	2,5	73,71	0,14/0,13	48,17	0,10/0,10	0,61	PASS
SGG CLIMALIT PROTECT 66.4(12 air)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P4A	1B1/1B1	40K/40K	14/12/14	42(-1;-5)	NPD	2,7	74,16	0,14/0,14	48,18	0,10/0,10	0,60	PASS
SGG CLIMALIT PROTECT 66.4(15 air)12	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	14/15/12	39(-1;-5)	NPD	2,6	74,82	0,14/0,14	49,86	0,10/0,11	0,60	PASS
SGG CLIMALIT PROTECT SILENCE 86.2Si(24 air)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	15/24/13	50(-1;-4)	NPD	2,6	74,38	0,14/0,14	49,47	0,10/0,10	0,60	PASS
SGG CLIMALIT PROTECT 88.4(12 air)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P4A	1B1/1B1	40K/40K	18/12/14	43(-1;-7)	NPD	2,7	72,84	0,13/0,13	45,72	0,09/0,10	0,57	PASS
SGG CLIMALIT SILENCE 44.1Si(16 argon)55.1Si	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/2B2	40K/40K	8/16/10	45(-2;-7)	NPD	2,6	77,57	0,14/0,14	57,33	0,11/0,11	0,67	PASS
SGG CLIMALIT COOL-LITE SS132 44.1(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/10/6	NPD	NPD	2,68	28,50	0,14/0,29	19,70	0,12/0,26	0,29	PASS
SGG CLIMALIT PROTECT COOL-LITE SKN172 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,1	65,01	0,09/0,11	33,97	0,25/0,22	0,40	PASS
SGG CLIMALIT SAFE COOL-LITE ST450 F2 8(14 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	(1C2/1C2*)/2B2	200K/40K	8/14/10	NPD	NPD	2,69	33,80	0,14/0,20	16,50	0,09/0,15	0,27	PASS
SGG CLIMALIT PROTECT COOL-LITE SKN 172 6(10 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/10/11	NPD	NPD	1,8	64,43	0,09/0,11	33,35	0,25/0,20	0,40	PASS
SGG CLIMALIT COOL-LITE SKN 172 6(16 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/5	NPD	NPD	1,4	66,28	0,09/0,11	36,43	0,25/0,30	0,40	PASS
SGG CLIMALIT SECURIT 6 (10 air) 6	NPD	NPD	NPD	NPD	NPD	NPD	1C1/NPD	200K/40K	6/10/6	31(-1;-4)	NPD	2,7	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT COOL-LITE ST436 SECURIT 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/6	NPD	NPD	2,8	27	0,17/0,22	14	0,10/0,19	0,25	PASS
SGG CLIMALIT SAFE COOL-LITE SS 132 44.1(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	9/10/6	38(-1;-4)	NPD	2,7	28	0,14/0,29	20	0,12/0,26	0,29	PASS
SGG CLIMALIT SAFE SILENCE 55.1Si(6air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	11/6/6	NPD	NPD	3,2	77	0,14/0,14	855	0,10/0,12	0,64	PASS
SGG CLIMALIT SAFE COOL-LITE ST 120 66.1(8air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	13/6/9	NPD	NPD	2,8	17	0,30/0,29	11	0,21/0,24	0,21	PASS
SGG CLIMALIT SAFE SILENCE 33.1(10 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/10/6	NPD	NPD	2,9	79,71	0,14/0,14	62,80	0,12/0,12	0,70	PASS
SGG CLIMALIT REFLECTASOL 5(12air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	33(-1;-4)	NPD	2,9	30	0,47/0,53	38	0,34/0,37	0,44	PASS
SGG CLIMALIT COOL-LITE ST 136 6(12air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	35(-2;-5)	NPD	2,8	33,83	0,23/0,23	27,53	0,19/0,23	0,34	PASS
SGG CLIMALIT SAFE 55.1(12air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	11/12/6	NPD	NPD	2,8	78,51	0,14/0,14	60,54	0,11/0,12	0,67	PASS
SGG CLIMALIT PROTECT 33.2(10 air)SP510	NPD	NPD	NPD	NPD	NPD	P1A/P5A	1B1/1B1	40K/40K	7/10/10	NPD	NPD	2,91	76,10	0,14/0,14	51,50	0,11/0,10	0,65	PASS
SGG CLIMALIT SAFE 4(12 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	NPD	NPD	NPD	2,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE COOL-LITE ST 136 8(8air)33.1OPALE	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/8/7	NPD	NPD	3,0	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT PROTECT ANTELIO CLEAR 6(12 air)SP510	NPD	NPD	NPD	NPD	NPD	NPD/P5A	NPD/1B1	40K/40K	6/12/8	NPD	NPD	2,81	39,6	0,30/0,17	32,2	0,33/0,27	0,45	PASS
SGG CLIMALIT PROTECT SILENCE VISION-LITE 66.2Si(16 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/9	NPD	NPD	2,63	84,50	0,08/0,09	51,50	0,02/0,02	0,62	PASS
SGG CLIMALIT STADIP SAFE PARSOL GREEN 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/10/8	NPD	NPD	2,9	64,64	0,11/0,13	35,06	0,07/0,10	0,44	PASS
SGG CLIMALIT SAFE COOL-LITE STB120 6(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/8	NPD	NPD	2,9	19,68	0,21/0,31	13,81	0,18/0,28	0,23	PASS
SGG CLIMALIT COOL-LITE STB120 6(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	NPD	NPD	2,9	20,11	0,21/0,32	15,51	0,19/0,32	0,24	PASS
SGG CLIMALIT PROTECT 4S 10(12 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/11	NPD	NPD	1,6	66,95	0,11/0,13	33,22	0,24/0,22	0,40	PASS
SGG CLIMALIT PROTECT 4S 6(12 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/11	NPD	NPD	1,6	68,17	0,12/0,13	34,48	0,30/0,23	0,41	PASS
SGG CLIMALIT PROTECT 4S 6(10 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/10/13	NPD	NPD	1,8	67,56	0,12/0,12	33,90	0,30/0,21	0,41	PASS
SGG CLIMALIT PLANITERM S 44.1(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/10/6	NPD	NPD	1,9	65,06	0,11/0,11	41,75	0,16/0,19	0,48	PASS

CE

Leistungserklärung
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Isolierglas zur Verwendung in Gebäuden und Bauwerken

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMALIT 8(8 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/8/5	NPD	NPD	2,8	79,83	0,14/0,15	67,22	0,12/0,13	0,73	PASS
SGG CLIMALIT SATINOVO MATE 4(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/6	NPD	NPD	3,08	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE 55.1(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	55.1/10/44.1	NPD	NPD	2,9	77,57	0,14/0,14	57,33	0,11/0,11	0,66	PASS
SGG CLIMALIT SAFE BODY TINT BLUE 33.1 (14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	2,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE BODY TINT BLUE 33.1 (10 air)33.1 BLUE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/10/6	NPD	NPD	2,9	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE 4(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/8	NPD	NPD	2,8	79,95	0,15/0,14	64,40	0,13/0,12	0,75	PASS
SGG CLIMALIT SAFE COLOR GREY 55.1(14air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/14/6	NPD	NPD	2,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT ARENA C 6(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/4	NPD	NPD	3,10	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT REFLECTASOL BRONZE 6(6air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/6/4	32(-2;-4)	NPD	3,3	16	0,17/0,53	0,24	0,15/0,37	0,35	PASS
SGG CLIMALIT PARSOL GREY 4(6 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/6	32(-2;-4)	NPD	3,3	49,5	0,08/0,13	46	0,08/0,11	0,56	PASS
SGG CLIMALIT SAFE 44.1(10 air)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/10/5	NPD	NPD	2,9	79,59	0,14/0,15	63,40	0,12/0,13	0,69	PASS
SGG CLIMALIT SAFE COOL-LITE ST167 44.1(6 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/6/8	NPD	NPD	3,2	58	0,21/0,22	42	0,15/0,16	0,53	PASS
SGG CLIMALIT SAFE COOL-LITE ST167 44.1(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/8/8	NPD	NPD	3,0	58	0,21/0,22	42	0,15/0,16	0,53	PASS
SGG CLIMALIT SAFE COOL-LITE ST167 44.1(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/8	NPD	NPD	3,0	59,65	0,23/0,23	48,97	0,17/0,17	0,59	PASS
SGG CLIMALIT SAFE COOL-LITE ST167 4(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/8	NPD	NPD	2,8	59,65	0,23/0,23	48,97	0,17/0,17	0,59	PASS
SGG CLIMALIT SAFE COOL-LITE ST167 4(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/8	NPD	NPD	2,7	59,65	0,23/0,23	48,97	0,17/0,17	0,59	PASS
SGG CLIMALIT SAFE 55.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/12/6	NPD	NPD	2,8	78,28	0,14/0,14	59,06	0,11/0,12	0,67	PASS
SGG CLIMALIT SAFE ANTELIO CLEAR 5(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	5/8/6	NPD	NPD	3,10	41	0,28/0,33	39	0,22/0,23	0,49	PASS
SGG CLIMALIT SAFE OPALE 33.1(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/14/6	NPD	NPD	2,78	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE 33.1(12 air)5 SATINOVO	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/5	NPD	NPD	2,80	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT 4(10 air)5 SATINOVO	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/5	NPD	NPD	3,00	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE 66.1(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/10/6	NPD	NPD	2,9	77,80	0,14/0,14	58,75	0,11/0,12	0,65	PASS
SGG CLIMALIT 6(6 air)5 SATINOVO	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/6/5	NPD	NPD	3,30	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE SILENCE 33.1Si(6 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/6/6	NPD	NPD	3,20	78,1	0,14/0,14	59,1	0,11/0,11	0,68	PASS
SGG CLIMALIT SAFE CLARGLAS NEW 33.1(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/4	29(-1;-4)	NPD	2,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE BALDOSA GRABADA 19(10 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	19/10/10	NPD	NPD	2,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE 44.1(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	19/10/12	NPD	NPD	2,9	77,00	0,14/0,14	56,00	0,11/0,11	0,65	PASS
SGG CLIMALIT SAFE 66.1(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/10	NPD	NPD	2,7	76,18	0,14/0,14	54,10	0,11/0,11	0,64	PASS
SGG CLIMALIT SAFE 66.1(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/8/6	NPD	NPD	3,00	76,00	0,14/0,14	52,00	0,10/0,11	0,61	PASS
SGG CLIMALITE PLUS SILENCE PLANITHERM S 4(10 air)44.1 Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/8	NPD	NPD	1,9	65,65	0,11/0,11	42,83	0,20/0,16	0,51	PASS
SGG CLIMALITE SAFE SATINOVO MATE 44.1(8 air)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/8/5	NPD	NPD	3,05	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE SILENCE 33.1Si(6 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/6/6	NPD	NPD	3,2	78	0,14/0,14	59	0,11/0,11	0,68	PASS
SGG CLIMALIT SAFE 44.1(6 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/6/6	NPD	NPD	3,2	77	0,14/0,14	56,3	0,11/0,11	0,65	PASS
SGG CLIMALIT SAFE 44.1 OPALE (6 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/6/6	NPD	NPD	3,2	66	0,11/0,13	49	0,09/0,11	0,59	PASS
SGG CLIMALIT SAFE 66.1 OPALE (6 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/6/6	NPD	NPD	3,2	65	0,11/0,13	45	0,09/0,11	0,55	PASS
SGG CLIMALIT SAFE 66.1 (6 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/6/6	NPD	NPD	3,2	76	0,14/0,14	52	0,10/0,11	0,61	PASS
SGG CLIMALIT SAFE COOL-LITE KNT155 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,9	46	0,17/0,10	28	0,19/0,15	0,37	PASS
SGG CLIMALIT SAFE ARENA C 4(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	2,94	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE REFLECTASOL 66.1(6 air)55.1Z COLOR BLUE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/6/10	NPD	NPD	3,1	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT PROTECT 33.2(8 air)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/8/4	NPD	NPD	3,1	80,44	0,14/0,15	64,82	0,12/0,13	0,70	PASS
SGG CLIMALIT PROTECT 33.2(10 air)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/10/4	NPD	NPD	2,9	80,44	0,14/0,15	64,82	0,12/0,13	0,70	PASS
SGG CLIMALIT SAFE COLOR GREY 33.1(8 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/5	NPD	NPD	3,1	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SECURIT SAFE 5(6 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	5/6/6	NPD	NPD	3,26	79,1	0,14/0,14	61,40	0,12/0,11	0,71	PASS
SGG CLIMALIT SAFE 4(6 air)55.1OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	NPD	NPD	NPD	3,23	66	0,14/0,11	50,2	0,12/0,09	0,68	PASS
SGG CLIMALIT SAFE 33.1(8 air)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/8/5	NPD	NPD	3,1	80,31	0,15/0,15	65,43	0,12/0,13	0,71	PASS
SGG CLIMALIT SAFE ARENA C 44.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/8/4	NPD	NPD	3,1	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE 33.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/8/4	NPD	NPD	3,1	80,68	0,15/0,15	66,48	0,12/0,13	0,71	PASS
SGG CLIMALIT 6(6 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/6/8	NPD	NPD	3,2	79,46	0,14/0,14	66,14	0,12/0,12	0,74	PASS
SGG CLIMALIT 8(6 air)6 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/6/6		NPD	3,2	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT PARSOL GREEN 4(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/4	NPD	NPD	3,29	71	0,12/0,14	46	0,08/0,12	0,54	PASS
SGG CLIMALIT 6(12 air)4 SATINIVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	NPD	NPD	2,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE SILENCE 33.1(25 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/25/6	NPD	NPD	2,7	78	0,14/0,14	58,7	0,11/0,11	0,68	PASS
SGG CLIMALIT SILENCE SATINOVO MATE 33.1Si(10 air)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/10/5	NPD	NPD	2,93	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SILENCE 4(10 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	2,9	80,68	0,15/0,15	66,48	0,13/0,12	0,75	PASS
SGG CLIMALIT 8(16 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/8	NPD	NPD	2,7	78,75	0,14/0,14	64,08	0,12/0,12	0,72	PASS
SGG CLIMALIT SAFE 4(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	2,8	80,68	0,15/0,15	66,48	0,13/0,12	0,75	PASS
SGG CLIMALIT SAFE 33.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	2,8	79,71	0,14/0,14	62,80	0,12/0,12	0,70	PASS
SGG CLIMALIT PROTECT SILENCE 44.2Si(12 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/4	NPD	NPD	2,8	79,71	0,14/0,15	62,80	0,11/0,13	0,68	PASS
SGG CLIMALIT SAFE COOL-LITE STB 136 6(12air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	2,7	32,19	0,18/0,21	23,82	0,16/0,22	0,33	PASS
SGG CLIMALIT SECURIT PROTECT COOL-LITE STB120 F2 6(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/12/9	37(-1;-4)	NPD	2,6	19,80	0,21/0,31	13,87	0,19/0,27	0,23	PASS
SGG CLIMALIT BIOCLEAN 44.1(18 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/18/10	NPD	NPD	2,7	74	0,17/0,16	51	0,13/0,11	0,63	PASS
SGG CLIMALIT SAFE 66.1(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/10/4	NPD	NPD	2,9	78,51	0,14/0,15	60,54	0,11/0,13	0,66	PASS
SGG CLIMALIT REFLECTASOL 6(10air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	NPD	NPD	2,9	29	0,46/0,52	35	0,33/0,35	0,42	PASS
SGG CLIMALIT 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	NPD	NPD	2,9	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT PROTECT SP510(16 air)4	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/16/4	NPD	NPD	2,7	78,76	0,14/0,15	58,72	0,11/0,13	0,64	PASS
SGG CLIMALIT ACOUSTIC 8(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	2,7	80,19	0,14/0,15	68,32	0,12/0,13	0,73	PASS
SGG CLIMALIT ACOUSTIC 10(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/4	NPD	NPD	2,7	79,44	0,14/0,15	65,46	0,12/0,13	0,70	PASS
SGG CLIMALIT PROTECT SILENCE 44.2Si(14 air)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/14/8	NPD	NPD	2,7	78,28	0,14/0,14	59,06	0,11/0,12	0,67	PASS
SGG CLIMALIT PROTECT SILENCE 44.2Si(12 air)10	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/10	42(-1;-4)	NPD	2,8	77,55	0,14/0,14	56,75	0,11/0,11	0,66	PASS
SGG CLIMALIT PROTECT SILENCE 64.2Si(12 air)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	11/12/9	NPD	NPD	2,8	77,11	0,14/0,14	55,33	0,11/0,11	0,64	PASS
SGG CLIMALIT PROTECT LITE-FLOOR F-4735 (15 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD	1B1/1B1	40K/40K	47/15/13	NPD	NPD	2,4	63	0,11/0,13	31	0,07/0,09	0,42	PASS
SGG CLIMALIT PROTECT 66.2(20 air)66.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/13	NPD	NPD	2,6	75,05	0,14/0,14	50,83	0,10/0,10	0,62	PASS
SGG CLIMALIT PROTECT 44.2(20 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/9	NPD	NPD	2,7	77,81	0,14/0,14	56,98	0,11/0,11	0,66	PASS
SGG CLIMALIT PROTECT 6(16 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/9	NPD	NPD	2,7	78,99	0,14/0,14	60,89	0,12/0,11	0,72	PASS
SGG CLIMALIT PROTECT 33.2(14 air)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/14/4	NPD	NPD	2,8	80,44	0,14/0,15	64,82	0,12/0,13	0,70	PASS
SGG CLIMALIT PROTECT SP510(10 air)4	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/10/4	NPD	NPD	2,9	78,76	0,14/0,15	58,72	0,11/0,13	0,64	PASS
SGG CLIMALIT 5(14 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/14/5	NPD	NPD	2,8	80,92	0,15/0,15	70,61	0,13/0,13	0,76	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMALIT PROTECT 33.2(10 air)33.2	NPD	NPD	NPD	NPD	NPD	P1A/P1A	1B1/1B1	40K/40K	7/10/7	NPD	NPD	2,9	79,23	0,14/0,14	60,54	0,12/0,12	0,68	PASS
SGG CLIMALIT PROTECT SP510(8 air)6	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/8/6	NPD	NPD	3	77	0,14/0,14	53	0,10/0,11	0,61	PASS
SGG CLIMALIT PROTECT SP510(8 air)33.2	NPD	NPD	NPD	NPD	NPD	P5A/P1A	1B1/1B1	40K/40K	10/8/7	NPD	NPD	3	76	0,14/0,14	51	0,10/0,11	0,61	PASS
SGG CLIMALIT PROTECT SILENCE 54/59	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	19/28/12	NPD	NPD	2,5	71	0,13/0,13	43,00	0,09/0,10	0,55	PASS
SGG CLIMALIT SECURIT PROTECT PARSOL GREEN 8(12 air)88.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/12/9	NPD	NPD	2,7	57	0,10/0,12	26	0,07/0,08	0,38	PASS
SGG CLIMALIT PROTECT 4(6 air)SP510	NPD	NPD	NPD	NPD	NPD	NPD/P5A	NPD/1B1	40K/40K	4/6/10	NPD	NPD	3,2	77	0,14/0,14	55	0,12/0,10	0,70	PASS
SGG CLIMALIT PROTECT 4(6 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/6/9	NPD	NPD	3,2	78	0,14/0,14	59	0,12/0,11	0,71	PASS
SGG CLIMALIT PROTECT 88.4(15 air)HN113-S	NPD	NPD	NPD	BR1-S/NPD	NPD	P4A/P4A	1B1/1B1	40K/40K	18/15/14	NPD	NPD	2,6	72,84	0,13/0,13	45,72	0,09/0,10	0,57	PASS
SGG CLIMALIT PROTECT 66.2(15 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	40(-1;-4)	NPD	2,7	76,41	0,14/0,14	53,76	0,10/0,11	0,63	PASS
SGG CLIMALIT SAFE DIAMANT 1010.3SGP(14 air)88.1	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/2B2	40K/40K	22/14/16	NPD	NPD	2,6	80	0,14/0,15	64	0,12/0,12	0,70	PASS
SGG CLIMALIT PROTECT 88.2(15 air)88.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	17/15/17	NPD	NPD	2,6	72,40	0,13/0,13	45,74	0,10/0,10	0,58	PASS
SGG CLIMALIT PROTECT 33.2(16 argon)33.2	NPD	NPD	NPD	NPD	NPD	P1A/P1A	1B1/1B1	40K/40K	7/16/7	NPD	NPD	2,6	79,23	0,14/0,14	60,54	0,12/0,12	0,69	PASS
SGG CLIMALIT 6(16 air)6 SWS V	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	NPD	NPD	2,7	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT PROTECT 66.2(16 air)66.2 SWS V	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/13	NPD	NPD	2,6	75,05	0,14/0,14	50,83	0,10/0,10	0,62	PASS
SGG CLIMALIT PROTECT 5(15 air)ULTIMAX HP421-NS	NPD	NPD	NPD	NPD	NPD/BR4-NS	NPD	NPD/1B1	40K/40K	5/15/20	NPD	NPD	2,7	77,43	0,14/0,14	56,63	0,12/0,10	0,72	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1 OPALE(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SILENCE 8(16 air)46.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	8/16/10	43(-2;-6)	NPD	2,7	77,80	0,14/0,14	58,74	0,12/0,11	0,70	PASS
SGG CLIMALIT COOL-LITE ST108 F2 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,7	7,44	0,44/0,40	5,39	0,38/0,41	0,09	PASS
SGG CLIMALIT PROTECT 4(12 air)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	4/12/10	NPD	NPD	2,8	79,23	0,15/0,14	60,54	0,13/0,11	0,73	PASS
SGG CLIMALIT SECURIT SAFE COOL-LITE ST120 F2 8(20 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/20/8	NPD	NPD	2,5	17,87	0,32/0,29	12,60	0,25/0,26	0,20	PASS
SGG CLIMALIT SAFE 64.1(10 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/10/12	NPD	NPD	2,8	76,18	0,14/0,14	54,10	0,11/0,11	0,65	PASS
SGG CLIMALIT PROTECT 44.2(12 air)33.1	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/2B2	40K/40K	9/12/6	NPD	NPD	2,8	78,75	0,14/0,14	59,72	0,11/0,12	0,67	PASS
SGG CLIMALIT SAFE SILENCE 1010.1Si(24 air)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	20/24/12	NPD	NPD	2,6	73	0,13/0,14	46	0,09/0,10	0,57	PASS
SGG CLIMALIT SECURIT PROTECT 55.6(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1B1/1C2	200K/200K	12/16/8	NPD	NPD	2,6	77	0,14/0,14	54	0,10/0,12	0,62	PASS
SGG CLIMALIT SAFE SERALIT EVOLUTION 12(8 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	1C1/2B2	200K/40K	12/812	NPD	NPD	2,9	75,50	0,14/0,14	52,81	0,11/0,10	0,65	PASS
SGG CLIMALIT 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	NPD	NPD	2,6	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT 3(9 air)3	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/9/3	NPD	NPD	3	82	0,15/0,15	76	0,14/0,14	0,79	PASS
SGG CLIMALIT 3(9 argon)3	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/9/3	NPD	NPD	2,8	82	0,15/0,15	76	0,14/0,14	0,79	PASS
SGG CLIMALIT COOL-LITE ST150 F2 44.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	NPD	NPD	2,7	46	0,20/0,22	35	0,14/0,19	0,43	PASS
SGG CLIMALIT PROTECT 4(16 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/16/7	NPD	NPD	2,7	80,44	0,15/0,14	64,82	0,13/0,12	0,75	PASS
SGG CLIMALIT SECURIT PROTECT 6(8 argon)HN432-S	NPD	NPD	NPD	NPD/BR4-S	NPD	NPD	1C2/1B1	200K/40K	6/8/33	NPD	NPD	2,6	70	0,14/0,12	41	0,11/0,08	0,66	PASS
SGG CLIMALIT SAFE 4(10 air)66.1 COLOR	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/2B2	40K/40K	4/10/12	NPD	NPD	2,9	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC BIOCLEAN 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	76,71	0,15/0,14	51,16	0,26/0,28	0,59	PASS
SGG CLIMAPLUS ULTRA N 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC BIOCLEAN 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	76,71	0,15/0,14	51,16	0,26/0,28	0,59	PASS
SGG CLIMAPLUS ULTRA N F3 6(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-2;-5)	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS BIOCLEAN ACOUSTIC ULTRA N 6(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-2;-5)	NPD	1,1	76,71	0,15/0,14	51,16	0,26/0,28	0,59	PASS
SGG CLIMAPLUS ULTRA N F3 ACOUSTIC 8(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/4	36(-2;-5)	NPD	1,1	78,42	0,12/0,12	51,83	0,23/0,26	0,59	PASS
SGG CLIMAPLUS BIOCLEAN ACOUSTIC ULTRA N 8(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/4	36(-2;-5)	NPD	1,1	76,02	0,15/0,14	49,82	0,24/0,28	0,57	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC 8(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/4	33(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,23/0,26	0,59	PASS
SGG CLIMAPLUS BIOCLEAN ULTRA N ACOUSTIC 8(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/4	33(-1;-4)	NPD	1,1	76,02	0,15/0,14	49,82	0,24/0,28	0,57	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC 8(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,1	78,42	0,12/0,12	51,83	0,23/0,26	0,59	PASS
SGG CLIMAPLUS BIOCLEAN ULTRA N ACOUSTIC 8(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,1	76,02	0,15/0,14	49,82	0,24/0,28	0,57	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F3 4(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C3/1B1	200K/40K	4/15/9	NPD	NPD	1,1	77,95	0,12/0,12	48,96	0,26/0,19	0,62	PASS
SGG CLIMAPLUS BIOCLEAN PROTECT ULTRA N 44.2(15 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/15/4	NPD	NPD	1,1	75,56	0,14/0,14	47,27	0,21/0,27	0,54	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 44.2(16 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/16/4	37(-2;-6)	NPD	1,1	77,95	0,12/0,12	48,96	0,19/0,26	0,56	PASS
SGG CLIMAPLUS ULTRA N PROTECT BIOCLEAN 44.2(16 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/16/4	37(-2;-6)	NPD	1,1	75,56	0,14/0,14	47,27	0,21/0,27	0,54	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC 10(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/4	35(-2;-5)	NPD	1,1	77,69	0,12/0,12	50,13	0,20/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC BIOCLEAN 10(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/4	35(-2;-5)	NPD	1,1	75,31	0,14/0,14	48,18	0,22/0,27	0,55	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC 10(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/4	35(-2;-5)	NPD	1,1	77,69	0,12/0,12	50,13	0,20/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC BIOCLEAN 10(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/4	35(-2;-5)	NPD	1,1	75,31	0,14/0,14	48,18	0,22/0,27	0,55	PASS
SGG CLIMAPLUS ULTRA N F3 10(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/4	NPD	NPD	1,1	77,69	0,12/0,12	50,13	0,20/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 10(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/4	NPD	NPD	1,1	75,31	0,14/0,14	48,18	0,22/0,27	0,55	PASS
SGG CLIMAPLUS ULTRA N F3 10(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/6	37(-1;-2)	NPD	1,1	76,99	0,12/0,12	48,88	0,20/0,24	0,57	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC BIOCLEAN 10(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/6	37(-1;-2)	NPD	1,1	74,63	0,14/0,14	46,98	0,22/0,25	0,55	PASS
SGG CLIMAPLUS ULTRA N PROTECT 44.2(20 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/20/6	NPD	NPD	1,1	77,25	0,12/0,12	47,75	0,19/0,24	0,56	PASS
SGG CLIMAPLUS ULTRA N PROTECT BIOCLEAN 44.2(20 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/20/6	NPD	NPD	1,1	74,88	0,14/0,14	46,10	0,21/0,25	0,54	PASS
SGG CLIMAPLUS N SILENCE 33.1Si(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/4	NPD	NPD	1,19	78,40	0,12/0,12	48,90	0,18/0,23	0,59	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 33.1Si(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/4	NPD	NPD	1,19	76,20	0,15/0,14	48,00	0,22/0,24	0,57	PASS
SGG CLIMAPLUS N SILENCE 33.1Si(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,20	78,40	0,12/0,12	48,90	0,18/0,23	0,59	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 33.1Si(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,20	76,20	0,15/0,14	48,00	0,22/0,24	0,57	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/4	NPD	NPD	1,19	77,50	0,12/0,12	47,30	0,17/0,23	0,57	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/4	NPD	NPD	1,19	75,30	0,14/0,14	46,40	0,20/0,24	0,56	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/4	NPD	NPD	1,19	77,50	0,12/0,12	47,30	0,17/0,23	0,57	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/4	NPD	NPD	1,19	75,30	0,14/0,14	46,40	0,20/0,24	0,56	PASS
SGG CLIMAPLUS N SILENCE 33.1Si(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/6	NPD	NPD	1,19	77,50	0,12/0,12	47,30	0,18/0,21	0,58	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 33.1Si(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/6	NPD	NPD	1,19	75,30	0,14/0,14	46,40	0,22/0,22	0,57	PASS
SGG CLIMAPLUS N SILENCE 33.1Si(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/6	NPD	NPD	1,19	77,50	0,12/0,12	47,30	0,18/0,21	0,58	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 33.1Si(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/6	NPD	NPD	1,19	75,30	0,14/0,14	46,40	0,22/0,22	0,57	PASS
SGG CLIMAPLUS N SILENCE 33.1Si(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/6	NPD	NPD	1,14	77,50	0,12/0,12	47,30	0,18/0,21	0,58	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 33.1Si(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/6	NPD	NPD	1,14	75,30	0,14/0,14	46,40	0,22/0,22	0,57	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/6	40(-2;-6)	NPD	1,18	76,60	0,12/0,12	45,80	0,17/0,21	0,56	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/6	40(-2;-6)	NPD	1,18	74,40	0,14/0,14	44,90	0,20/0,22	0,55	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	40 (-2;-6)	NPD	1,19	76,60	0,12/0,12	45,80	0,17/0,21	0,56	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	40 (-2;-6)	NPD	1,19	74,40	0,14/0,14	44,90	0,20/0,22	0,55	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(20 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/20/8	NPD	NPD	1,21	76,60	0,12/0,12	45,80	0,18/0,19	0,58	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(20 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/20/8	NPD	NPD	1,21	74,40	0,14/0,14	44,90	0,22/0,20	0,57	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/12/6	38(-1;-4)	NPD	1,13	76,60	0,12/0,12	45,80	0,17/0,21	0,56	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/12/6	38(-1;-4)	NPD	1,13	74,40	0,14/0,14	44,90	0,20/0,22	0,55	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/20/6	NPD	NPD	1,21	76,60	0,12/0,12	45,80	0,17/0,21	0,56	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/20/6	NPD	NPD	1,21	74,40	0,14/0,14	44,90	0,20/0,22	0,55	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/10	NPD	NPD	1,18	76,70	0,12/0,12	46,00	0,18/0,19	0,58	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/10	NPD	NPD	1,18	74,50	0,14/0,14	45,00	0,22/0,20	0,57	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(16 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/10	NPD	NPD	1,19	76,70	0,12/0,12	46,00	0,18/0,19	0,58	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(16 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/10	NPD	NPD	1,19	74,50	0,14/0,14	45,00	0,22/0,20	0,57	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(20 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/20/8	NPD	NPD	1,21	75,70	0,12/0,12	44,40	0,17/0,19	0,56	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(20 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/20/8	NPD	NPD	1,21	73,50	0,14/0,14	43,50	0,20/0,20	0,55	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/10	NPD	NPD	1,18	75,80	0,12/0,12	44,60	0,17/0,20	0,56	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/10	NPD	NPD	1,18	73,70	0,14/0,14	43,60	0,20/0,20	0,55	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(16 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/10	NPD	NPD	1,18	75,80	0,12/0,12	44,60	0,17/0,20	0,56	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(16 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/10	NPD	NPD	1,18	73,70	0,14/0,14	43,60	0,20/0,20	0,55	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(24 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/8	NPD	NPD	1,23	75,70	0,12/0,12	44,40	0,17/0,19	0,56	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(24 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/8	NPD	NPD	1,23	73,50	0,14/0,14	43,50	0,20/0,20	0,55	PASS
SGG CLIMAPLUS N SILENCE 55.1Si(15 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/15/8	NPD	NPD	1,18	74,70	0,11/0,12	42,50	0,15/0,17	0,55	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 55.1Si(15 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/15/8	NPD	NPD	1,18	72,50	0,14/0,14	41,50	0,18/0,18	0,53	PASS
SGG CLIMAPLUS N SILENCE 55.1Si(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/16/8	45(-2;-7)	NPD	1,18	74,70	0,11/0,12	42,50	0,15/0,17	0,55	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 55.1Si(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/16/8	45(-2;-7)	NPD	1,18	72,50	0,14/0,14	41,50	0,18/0,18	0,53	PASS
SGG CLIMAPLUS N SILENCE 66.1Si(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/24/6	NPD	NPD	1,23	74,80	0,11/0,12	43,10	0,14/0,21	0,53	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 66.1Si(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/24/6	NPD	NPD	1,23	72,70	0,14/0,14	42,10	0,17/0,22	0,52	PASS
SGG CLIMAPLUS N SILENCE 66.2Si(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	NPD	NPD	1,18	73,50	0,11/0,12	40,40	0,13/0,16	0,52	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 66.2Si(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	NPD	NPD	1,18	71,40	0,14/0,13	39,50	0,16/0,17	0,51	PASS
SGG CLIMAPLUS N SILENCE 66.2Si(16 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/9	NPD	NPD	1,18	73,50	0,11/0,12	40,40	0,13/0,16	0,52	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 66.2Si(16 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/9	NPD	NPD	1,18	71,40	0,14/0,13	39,50	0,16/0,17	0,51	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(24 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/10	NPD	NPD	1,23	75,80	0,12/0,12	44,60	0,17/0,19	0,56	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(24 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/10	NPD	NPD	1,23	73,70	0,14/0,14	43,60	0,20/0,20	0,55	PASS
SGG CLIMAPLUS N SILENCE 66.2Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/9	49 (-2;-6)	NPD	1,20	73,50	0,11/0,12	40,40	0,13/0,16	0,52	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 66.2Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/9	49 (-2;-6)	NPD	1,20	71,40	0,14/0,13	39,50	0,16/0,17	0,51	PASS
SGG CLIMAPLUS N SILENCE 66.2Si(24 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/24/9	50 (-2;-7)	NPD	1,22	73,50	0,11/0,12	40,40	0,13/0,16	0,52	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 66.2Si(24 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/24/9	50 (-2;-7)	NPD	1,22	71,40	0,14/0,13	39,50	0,16/0,17	0,51	PASS
SGG CLIMAPLUS N SILENCE 86.1Si(24 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	14/24/8	NPD	NPD	1,22	72,90	0,11/0,12	40,10	0,13/0,17	0,51	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 68.1Si(24 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	14/24/8	NPD	NPD	1,22	70,80	0,14/0,13	39,10	0,16/0,18	0,50	PASS
SGG CLIMAPLUS N SILENCE 86.2Si(24 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	15/24/11	51(-1;-4)	NPD	1,22	71,80	0,11/0,11	38,20	0,12/0,15	0,50	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 86.2Si(24 argon)46.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	15/24/11	51(-1;-4)	NPD	1,22	69,70	0,14/0,13	37,30	0,15/0,16	0,49	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 33.1Si(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/4	NPD	NPD	1,1	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 33.1Si(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/4	NPD	NPD	1,1	76,48	0,15/0,14	49,22	0,23/0,27	0,56	PASS
SGG CLIMAPLUS ULTRA N SILENCE 33.1Si(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,1	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 33.1Si(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,1	76,48	0,15/0,14	49,22	0,23/0,27	0,56	PASS
SGG CLIMAPLUS ULTRA N SILENCE 44.1Si(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/4	NPD	NPD	1,1	78,18	0,12/0,12	49,72	0,20/0,26	0,57	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 44.1Si(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/4	NPD	NPD	1,1	75,79	0,15/0,14	47,97	0,22/0,27	0,55	PASS
SGG CLIMAPLUS ULTRA N SILENCE 44.1Si(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/4	NPD	NPD	1,1	78,18	0,12/0,12	49,72	0,20/0,26	0,57	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 44.1Si(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/4	NPD	NPD	1,1	75,79	0,15/0,14	47,97	0,22/0,27	0,55	PASS
SGG CLIMAPLUS ULTRA N SILENCE 33.1Si(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/6	NPD	NPD	1,1	78,18	0,12/0,12	49,72	0,22/0,24	0,58	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 33.1Si(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/6	NPD	NPD	1,1	75,79	0,15/0,14	47,97	0,23/0,25	0,56	PASS
SGG CLIMAPLUS ULTRA N SILENCE 33.1Si(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/6	NPD	NPD	1,1	78,18	0,12/0,12	49,72	0,22/0,24	0,58	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 33.1Si(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/6	NPD	NPD	1,1	75,79	0,15/0,14	47,97	0,23/0,25	0,56	PASS
SGG CLIMAPLUS ULTRA N SILENCE 33.1Si(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/6	NPD	NPD	1,1	78,18	0,12/0,12	49,72	0,22/0,24	0,58	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 33.1Si(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/6	NPD	NPD	1,06	75,20	0,14/0,13	46,90	0,22/0,23	0,57	PASS
SGG CLIMAPLUS ULTRA N SILENCE 44.1Si(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/6	40(-2;-6)	NPD	1,1	77,48	0,12/0,12	48,49	0,20/0,24	0,57	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 44.1Si(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/6	40(-2;-6)	NPD	1,1	75,11	0,14/0,14	46,78	0,22/0,25	0,55	PASS
SGG CLIMAPLUS ULTRA N SILENCE 44.1Si(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	40 (-2;-6)	NPD	1,1	77,48	0,12/0,12	48,49	0,20/0,24	0,57	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 44.1Si(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	40 (-2;-6)	NPD	1,1	75,11	0,14/0,14	46,78	0,22/0,25	0,55	PASS
SGG CLIMAPLUS ULTRA N SILENCE 33.1Si(20 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/20/8	NPD	NPD	1,1	77,48	0,12/0,12	48,48	0,22/0,22	0,58	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 33.1Si(20 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/20/8	NPD	NPD	1,1	75,11	0,15/0,14	46,78	0,23/0,23	0,56	PASS
SGG CLIMAPLUS ULTRA N SILENCE 44.1Si(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/12/6	38(-1;-4)	NPD	1,1	77,48	0,12/0,12	48,49	0,20/0,24	0,57	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 44.1Si(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/12/6	38(-1;-4)	NPD	1,06	74,30	0,14/0,13	45,40	0,21/0,23	0,55	PASS
SGG CLIMAPLUS ULTRA N SILENCE 44.1Si(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/20/6	NPD	NPD	1,1	77,48	0,12/0,12	48,49	0,20/0,24	0,57	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 44.1Si(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/20/6	NPD	NPD	1,1	75,11	0,14/0,14	46,78	0,22/0,25	0,55	PASS
SGG CLIMAPLUS ULTRA N SILENCE 33.1Si(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/10	NPD	NPD	1,1	76,76	0,12/0,12	46,95	0,22/0,20	0,58	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 33.1Si(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/10	NPD	NPD	1,1	74,41	0,15/0,14	45,29	0,23/0,21	0,56	PASS
SGG CLIMAPLUS ULTRA N SILENCE 33.1Si(16 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/10	NPD	NPD	1,1	76,76	0,12/0,12	46,95	0,22/0,20	0,58	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 33.1Si(16 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/10	NPD	NPD	1,1	74,41	0,15/0,14	45,29	0,23/0,21	0,56	PASS
SGG CLIMAPLUS ULTRA N SILENCE 44.1Si(20 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/20/8	NPD	NPD	1,1	76,78	0,12/0,12	47,31	0,20/0,22	0,57	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 44.1Si(20 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/20/8	NPD	NPD	1,1	74,43	0,14/0,14	45,64	0,22/0,23	0,55	PASS
SGG CLIMAPLUS ULTRA N SILENCE 44.1Si(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/10	NPD	NPD	1,1	76,08	0,12/0,12	45,84	0,20/0,20	0,56	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 44.1Si(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/10	NPD	NPD	1,1	73,74	0,14/0,14	44,22	0,22/0,21	0,54	PASS
SGG CLIMAPLUS ULTRA N SILENCE 44.1Si(16 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/10	43(-1;-5)	NPD	1,1	76,08	0,12/0,12	45,84	0,20/0,20	0,56	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 44.1Si(16 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/10	NPD	NPD	1,1	73,74	0,14/0,14	44,22	0,22/0,21	0,54	PASS
SGG CLIMAPLUS ULTRA N SILENCE 44.1Si(24 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/8	NPD	NPD	1,2	76,78	0,12/0,12	47,31	0,20/0,22	0,57	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 44.1Si(24 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/8	NPD	NPD	1,2	74,43	0,14/0,14	45,64	0,22/0,23	0,55	PASS
SGG CLIMAPLUS ULTRA N SILENCE 55.1Si(15 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/15/8	NPD	NPD	1,1	75,87	0,12/0,12	45,49	0,19/0,20	0,55	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 55.1Si(15 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/15/8	NPD	NPD	1,1	73,54	0,14/0,14	43,91	0,20/0,21	0,53	PASS
SGG CLIMAPLUS ULTRA N SILENCE 55.1Si(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/16/8	45(-2;-7)	NPD	1,1	75,87	0,12/0,12	45,49	0,19/0,20	0,55	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 55.1Si(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/16/8	45(-2;-7)	NPD	1,1	73,54	0,14/0,14	43,91	0,20/0,21	0,53	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS ULTRA N SILENCE 66.1Si(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/24/6	NPD	NPD	1,2	76,10	0,12/0,12	46,18	0,18/0,24	0,54	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 66.1Si(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/24/6	NPD	NPD	1,2	73,76	0,14/0,14	44,55	0,19/0,25	0,52	PASS
SGG CLIMAPLUS ULTRA N SILENCE 66.2Si(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	NPD	NPD	1,1	74,74	0,11/0,12	43,50	0,16/0,19	0,53	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 66.2Si(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	NPD	NPD	1,1	72,44	0,14/0,14	42,00	0,18/0,20	0,51	PASS
SGG CLIMAPLUS ULTRA N SILENCE 66.2Si(16 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/9	NPD	NPD	1,1	74,74	0,11/0,12	43,50	0,16/0,19	0,53	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 66.2Si(16 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/9	NPD	NPD	1,1	72,44	0,14/0,14	42,00	0,18/0,20	0,51	PASS
SGG CLIMAPLUS ULTRA N SILENCE 44.1Si(24 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/10	NPD	NPD	1,2	76,08	0,12/0,12	45,84	0,20/0,20	0,56	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 44.1Si(24 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/10	NPD	NPD	1,2	73,74	0,14/0,14	44,22	0,22/0,21	0,54	PASS
SGG CLIMAPLUS ULTRA N F3 PROTECT SILENCE 66.2Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/9	49 (-2;-6)	NPD	1,1	74,74	0,11/0,12	43,50	0,16/0,19	0,53	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 66.2Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/9	49 (-2;-6)	NPD	1,1	72,44	0,14/0,14	42,00	0,18/0,20	0,51	PASS
SGG CLIMAPLUS ULTRA N F3 PROTECT SILENCE 66.2Si(24 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/24/9	50 (-2;-7)	NPD	1,2	74,74	0,11/0,12	43,50	0,16/0,19	0,53	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 66.2Si(24 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/24/9	50 (-2;-7)	NPD	1,2	72,44	0,14/0,14	42,00	0,18/0,20	0,51	PASS
SGG CLIMAPLUS ULTRA N SILENCE 86.1Si(24 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	14/24/8	47 (-1;-6)	NPD	1,2	74,52	0,11/0,12	43,43	0,16/0,20	0,53	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 86.1Si(24 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	14/24/8	NPD	NPD	1,2	72,22	0,14/0,14	41,91	0,18/0,21	0,51	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 86.1Si(24 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	15/24/11	51(-1;-4)	NPD	1,1	73,41	0,11/0,12	41,57	0,15/0,17	0,52	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 86.2Si(24 argon)46.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	15/24/11	51(-1;-4)	NPD	1,1	71,15	0,14/0,13	40,13	0,17/0,18	0,50	PASS
SGG CLIMAPLUS N SAFE 33.1(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/4	NPD	NPD	1,19	78,40	0,12/0,12	48,90	0,18/0,23	0,59	PASS
SGG CLIMAPLUS N SAFE BIOCLEAN 33.1(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/4	NPD	NPD	1,19	76,20	0,15/0,14	48,00	0,22/0,24	0,57	PASS
SGG CLIMAPLUS N SAFE 33.1(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,20	78,40	0,12/0,12	48,90	0,18/0,23	0,59	PASS
SGG CLIMAPLUS N SAFE BIOCLEAN 33.1(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,20	76,20	0,15/0,14	48,00	0,22/0,24	0,57	PASS
SGG CLIMAPLUS N SAFE 33.1(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/6	NPD	NPD	1,19	77,50	0,12/0,12	47,30	0,18/0,21	0,58	PASS
SGG CLIMAPLUS N SAFE BIOCLEAN 33.1(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/6	NPD	NPD	1,19	75,30	0,14/0,04	46,40	0,22/0,22	0,57	PASS
SGG CLIMAPLUS N SAFE 33.1(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/6	NPD	NPD	1,19	77,50	0,12/0,12	47,30	0,18/0,21	0,58	PASS
SGG CLIMAPLUS N SAFE BIOCLEAN 33.1(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/6	NPD	NPD	1,19	75,30	0,14/0,04	46,40	0,22/0,22	0,57	PASS
SGG CLIMAPLUS N PROTECT 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,18	76,40	0,12/0,12	45,10	0,20/0,16	0,61	PASS
SGG CLIMAPLUS N PROTECT BIOCLEAN 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,18	74,30	0,14/0,14	44,20	0,24/0,17	0,59	PASS
SGG CLIMAPLUS N PROTECT 6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/9	39(-1;-5)	NPD	1,19	76,40	0,12/0,12	45,10	0,20/0,16	0,61	PASS
SGG CLIMAPLUS N PROTECT BIOCLEAN 6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/9	39(-1;-5)	NPD	1,19	74,30	0,14/0,14	44,20	0,24/0,17	0,59	PASS
SGG CLIMAPLUS N SAFE 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/15/6	31(-1;-4)	NPD	1,2	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS N SAFE BIOCLEAN 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/15/6	31(-1;-4)	NPD	1,19	75,50	0,15/0,14	48,20	0,24/0,22	0,60	PASS
SGG CLIMAPLUS N SAFE 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/6	31(-1;-4)	NPD	1,2	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS N SAFE BIOCLEAN 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/6	31(-1;-4)	NPD	1,19	75,50	0,15/0,14	48,20	0,24/0,22	0,60	PASS
SGG CLIMAPLUS N SAFE 8(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/15/8	NPD	NPD	1,2	76,66	0,12/0,12	49,60	0,21/0,20	0,61	PASS
SGG CLIMAPLUS N SAFE BIOCLEAN 8(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/15/8	NPD	NPD	1,18	73,70	0,14/0,14	45,10	0,22/0,20	0,58	PASS
SGG CLIMAPLUS N SAFE 8(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/16/8	NPD	NPD	1,2	76,66	0,12/0,12	49,60	0,21/0,20	0,61	PASS
SGG CLIMAPLUS N SAFE BIOCLEAN 8(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/16/8	NPD	NPD	1,19	73,70	0,14/0,14	45,10	0,22/0,20	0,58	PASS
SGG CLIMAPLUS ULTRA N SAFE 33.1(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/4	NPD	NPD	1,1	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N SAFE BIOCLEAN 33.1(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/4	NPD	NPD	1,1	76,48	0,15/0,14	49,22	0,23/0,27	0,56	PASS
SGG CLIMAPLUS ULTRA N SAFE 33.1(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,1	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N SAFE BIOCLEAN 33.1(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,1	76,48	0,15/0,14	49,22	0,23/0,27	0,56	PASS
SGG CLIMAPLUS ULTRA N SAFE 33.1(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/6	NPD	NPD	1,1	78,18	0,12/0,12	49,72	0,22/0,24	0,58	PASS
SGG CLIMAPLUS ULTRA N SAFE BIOCLEAN 33.1(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/6	NPD	NPD	1,1	75,79	0,15/0,14	47,97	0,23/0,25	0,56	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/6	NPD	NPD	1,1	78	0,12/0,12	50	0,22/0,24	0,58	PASS
SGG CLIMAPLUS ULTRA N SAFE BIOCLEAN 33.1(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/6	NPD	NPD	1,1	75,79	0,15/0,14	47,97	0,23/0,25	0,56	PASS
SGG CLIMAPLUS ULTRA N PROTECT 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,1	77,48	0,12/0,12	48,49	0,24/0,20	0,60	PASS
SGG CLIMAPLUS ULTRA N PROTECT BIOCLEAN 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,1	75,11	0,15/0,14	46,79	0,25/0,21	0,58	PASS
SGG CLIMAPLUS ULTRA N PROTECT 6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/9	NPD	NPD	1,1	77,25	0,12/0,12	47,76	0,24/0,19	0,60	PASS
SGG CLIMAPLUS ULTRA N PROTECT BIOCLEAN 6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/9	39(-1;-5)	NPD	1,1	74,88	0,15/0,14	46,10	0,25/0,20	0,58	PASS
SGG CLIMAPLUS ULTRA N SAFE 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/15/6	31(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS ULTRA N SAFE BIOCLEAN 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/15/6	31(-1;-4)	NPD	1,1	76,02	0,15/0,14	49,82	0,26/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N SAFE 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/15/6	31(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS ULTRA N SAFE BIOCLEAN 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/15/6	31(-1;-4)	NPD	1,1	76,02	0,15/0,14	49,82	0,26/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N SAFE 8(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/15/8	NPD	NPD	1,1	77,01	0,12/0,12	49,23	0,23/0,22	0,59	PASS
SGG CLIMAPLUS BIOCLEAN ULTRA N SAFE 8(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/15/8	NPD	NPD	1,1	74,65	0,14/0,14	47,33	0,24/0,24	0,57	PASS
SGG CLIMAPLUS ULTRA N SAFE 8(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/16/8	NPD	NPD	1,1	77,01	0,12/0,12	49,23	0,23/0,22	0,59	PASS
SGG CLIMAPLUS BIOCLEAN ULTRA N SAFE 8(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/16/8	NPD	NPD	1,1	74,65	0,14/0,14	47,33	0,24/0,24	0,57	PASS
SGG CLIMAPLUS COOL-LITE SKN 165 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	60,55	0,16/0,17	30,26	0,32/0,39	0,33	PASS
SGG CLIMAPLUS COOL-LITE SKN 165 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	60,55	0,16/0,17	30,26	0,32/0,39	0,33	PASS
SGG CLIMAPLUS COOL-LITE SKN154 F2 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,0	50,46	0,18/0,22	24,44	0,34/0,42	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 F2 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	34(-1;-4)	NPD	1,0	50,46	0,18/0,22	24,44	0,34/0,42	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 BIOCLEAN 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	34(-1;-4)	NPD	1,0	49	0,20/0,24	23	0,34/0,42	0,26	PASS
SGG CLIMAPLUS COOL-LITE KN 169 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,3	61,55	0,17/0,11	40,46	0,23/0,25	0,44	PASS
SGG CLIMAPLUS COOL-LITE KN 169 BIOCLEAN 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,32	59,90	0,19/0,12	39,10	0,26/0,24	0,44	PASS
SGG CLIMAPLUS COOL-LITE KN 169 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,3	61,55	0,17/0,11	40,46	0,23/0,25	0,44	PASS
SGG CLIMAPLUS COOL-LITE KN 169 BIOCLEAN 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,33	59,90	0,19/0,12	39,10	0,26/0,24	0,44	PASS
SGG CLIMAPLUS COOL-LITE SKN172 6(15 argon)4 mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,2	66,58	0,09/0,11	36,80	0,25/0,31	0,40	PASS
SGG CLIMAPLUS COOL-LITE SKN 172 BIOCLEAN 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,15	64,70	0,12/0,12	35,70	0,28/0,29	0,39	PASS
SGG CLIMAPLUS COOL-LITE SKN 172 F2 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,2	66,58	0,09/0,11	36,80	0,25/0,31	0,40	PASS
SGG CLIMAPLUS COOL-LITE KB 159 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,4	52,57	0,25/0,15	37,31	0,23/0,24	0,41	PASS
SGG CLIMAPLUS COOL-LITE KB 159 BIOCLEAN 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,38	51,50	0,30/0,17	36,20	0,30/0,23	0,41	PASS
SGG CLIMAPLUS COOL-LITE KB 159 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,4	52,57	0,25/0,15	37,31	0,23/0,24	0,41	PASS
SGG CLIMAPLUS COOL-LITE KB 159 BIOCLEAN 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,39	51,50	0,30/0,17	36,20	0,30/0,23	0,41	PASS
SGG CLIMAPLUS COOL-LITE KN 155 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,3	50,63	0,17/0,10	34,21	0,22/0,22	0,38	PASS
SGG CLIMAPLUS COOL-LITE KN 155 BIOCLEAN 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,35	49,40	0,20/0,11	33,00	0,25/0,21	0,38	PASS
SGG CLIMAPLUS COOL-LITE KN 155 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,4	50,63	0,17/0,10	34,21	0,22/0,22	0,38	PASS
SGG CLIMAPLUS COOL-LITE KN 155 BIOCLEAN 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,36	49,40	0,20/0,11	33,00	0,25/0,21	0,38	PASS
SGG CLIMAPLUS COOL-LITE KS 147 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	43,64	0,44/0,41	26,50	0,45/0,50	0,29	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS COOL-LITE KS 147 BIOCLEAN 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,12	43,00	0,45/0,42	25,40	0,48/0,48	0,28	PASS
SGG CLIMAPLUS COOL-LITE KS 147 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	43,64	0,44/0,41	26,50	0,45/0,50	0,29	PASS
SGG CLIMAPLUS COOL-LITE KS 147 BIOCLEAN 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,12	43,00	0,45/0,42	25,40	0,48/0,48	0,28	PASS
SGG CLIMAPLUS N ANTELIO SILVER 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,19	59,10	0,31/0,30	39,60	0,32/0,34	0,48	PASS
SGG CLIMAPLUS N ANTELIO SILVER 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,20	59,10	0,31/0,30	39,60	0,32/0,34	0,48	PASS
SGG CLIMAPLUS N ANTELIO GREEN 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,19	47,60	0,21/0,29	24,20	0,13/0,32	0,31	PASS
SGG CLIMAPLUS N ANTELIO GREEN 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,20	47,60	0,21/0,29	24,20	0,13/0,32	0,31	PASS
SGG CLIMAPLUS N ANTELIO CLEAR 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/10/4	32(-1;-4)	NPD	1,19	29,60	0,27/0,31	38,00	0,28/0,34	0,38	PASS
SGG CLIMAPLUS N ANTELIO CLEAR 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,20	40,60	0,27/0,31	29,60	0,28/0,34	0,38	PASS
SGG CLIMAPLUS N ANTELIO BRONZE 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,18	20,18	0,12/0,30	14,80	0,14/0,26	0,24	PASS
SGG CLIMAPLUS N ANTELIO BRONZE 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,20	20,18	0,12/0,30	14,80	0,14/0,26	0,24	PASS
SGG CLIMAPLUS ULTRA N ANTELIO SILVER 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	59,50	0,32/0,31	41,57	0,36/0,37	0,48	PASS
SGG CLIMAPLUS ULTRA N ANTELIO SILVER F2 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	59,50	0,32/0,31	41,57	0,36/0,37	0,48	PASS
SGG CLIMAPLUS ULTRA N ANTELIO GREEN 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	47,53	0,21/0,29	24,42	0,14/0,36	0,30	PASS
SGG CLIMAPLUS ULTRA N ANTELIO GREEN F2 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	47,53	0,21/0,29	24,42	0,14/0,36	0,30	PASS
SGG CLIMAPLUS ULTRA N ANTELIO CLEAR 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	40,90	0,27/0,31	31,24	0,32/0,37	0,37	PASS
SGG CLIMAPLUS ULTRA N ANTELIO CLEAR F2 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	40,90	0,27/0,31	31,24	0,32/0,37	0,37	PASS
SGG CLIMAPLUS ANTELIO BRONZE F2 ULTRA N F3 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,12	38,50	0,28/0,31	27,40	0,27/0,35	0,34	PASS
SGG CLIMAPLUS ULTRA N ANTELIO BRONZE F2 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,12	38,50	0,28/0,31	27,40	0,27/0,35	0,34	PASS
SGG CLIMAPLUS N COOL-LITE TB 140 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,19	35,80	0,11/0,24	22,30	0,13/0,31	0,29	PASS
SGG CLIMAPLUS N COOL-LITE TB 140 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,19	35,80	0,11/0,24	22,30	0,13/0,31	0,29	PASS
SGG CLIMAPLUS N COOL-LITE SS 120 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,18	18,00	0,24/0,32	11,50	0,23/0,36	0,17	PASS
SGG CLIMAPLUS N COOL-LITE SS 120 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,19	18,00	0,24/0,32	11,50	0,23/0,36	0,17	PASS
SGG CLIMAPLUS N COOL-LITE SS 432 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,18	23,50	0,11/0,26	11,30	0,08/0,32	0,16	PASS
SGG CLIMAPLUS N COOL-LITE SS 432 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,19	14,00	0,11/0,26	11,30	0,08/0,32	0,17	PASS
SGG CLIMAPLUS N COOL-LITE SR 132 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,19	28,60	0,13/0,26	19,50	0,13/0,31	0,27	PASS
SGG CLIMAPLUS N COOL-LITE SR 132 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,19	28,60	0,13/0,26	19,50	0,13/0,31	0,27	PASS
SGG CLIMAPLUS N COOL-LITE PB 120 N 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,18	17,70	0,21/0,31	11,70	0,19/0,35	0,17	PASS
SGG CLIMAPLUS N COOL-LITE PB 120 N 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,19	17,70	0,21/0,31	11,70	0,19/0,35	0,17	PASS
SGG CLIMAPLUS N COOL-LITE ST 150 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,19	45,20	0,19/0,19	29,60	0,19/0,26	0,38	PASS
SGG CLIMAPLUS COOL-LITE ST150 F2 N F3 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,20	45,20	0,19/0,19	29,60	0,19/0,26	0,38	PASS
SGG CLIMAPLUS ULTRA N COOL-LITE TB 140 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	36,03	0,11/0,24	23,39	0,14/0,34	0,29	PASS
SGG CLIMAPLUS ULTRA N COOL-LITE TB 140 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	36,03	0,11/0,24	23,39	0,14/0,34	0,29	PASS
SGG CLIMAPLUS ULTRA N COOL-LITE SS 120 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	18,09	0,24/0,32	12,10	0,24/0,40	0,16	PASS
SGG CLIMAPLUS ULTRA N COOL-LITE SS 120 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	18,09	0,24/0,32	12,10	0,24/0,40	0,17	PASS
SGG CLIMAPLUS ULTRA N COOL-LITE SS 432 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,11	23,50	0,11/0,25	11,40	0,08/0,34	0,17	PASS
SGG CLIMAPLUS ULTRA N COOL-LITE SS 432 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,12	23,50	0,11/0,25	11,40	0,08/0,34	0,17	PASS
SGG CLIMAPLUS ULTRA N COOL-LITE SR 132 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	28,85	0,14/0,26	20,49	0,15/0,35	0,26	PASS
SGG CLIMAPLUS ULTRA N COOL-LITE SR 132 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	28,85	0,14/0,26	20,49	0,15/0,35	0,26	PASS
SGG CLIMAPLUS ULTRA N COOL-LITE PB 120 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,11	17,70	0,21/0,30	11,90	0,19/0,36	0,17	PASS
SGG CLIMAPLUS ULTRA N COOL-LITE PB 120 N 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,12	17,70	0,21/0,30	11,90	0,19/0,36	0,17	PASS
SGG CLIMAPLUS COOL-LITE ST150 F2 ULTRA N F3 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	45,42	0,19/0,19	30,23	0,20/0,31	0,36	PASS
SGG CLIMAPLUS ULTRA N COOL-LITE ST 150 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	45,42	0,19/0,19	30,23	0,20/0,31	0,36	PASS
SGG CLIMAPLUS SAFE 44.1(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	8/12/6	NPD	NPD	1,76	73,60	0,11/0,11	45,20	0,16/0,20	0,52	PASS
SGG CLIMAPLUS S SAFE 4(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	1,87	64,90	0,11/0,10	40,80	0,17/0,16	0,49	PASS
SGG CLIMAPLUS S 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,66	64,30	0,11/0,10	40,90	0,16/0,18	0,48	PASS
SGG CLIMAPLUS PLANITHERM S SAFE 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,9	65,06	0,11/0,11	41,75	0,18/0,16	0,50	PASS
SGG CLIMAPLUS S SAFE SILENCE 6(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,66	64,10	0,11/0,10	39,50	0,16/0,16	0,47	PASS
SGG CLIMALIT COOL-LITE STB120 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,66	15,90	0,21/0,22	10,00	0,20/0,22	0,19	PASS
SGG CLIMAPLUS SECURIT PLANITHERM S COOL-LITE ST420 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/12/6	NPD	NPD	1,66	13,10	0,16/0,22	6,40	0,11/0,22	0,14	PASS
SGG CLIMAPLUS S COOL-LITE ST150 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,66	37,00	0,19/0,15	23,70	0,19/0,18	0,38	PASS
SGG CLIMAPLUS TOTAL 1.3 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,5	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	1,5	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/12/4	29(0;-3)	NPD	1,8	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,58	76,70	0,11/0,12	53,70	0,20/0,19	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/20/4	NPD	NPD	1,58	76,70	0,11/0,12	53,70	0,20/0,19	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 4(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/8/4	29(-1;-4)	NPD	2,2	77,39	0,12/0,12	55,29	0,23/0,20	0,65	PASS
SGG CLIMAPLUS TOTAL 1.3 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,8	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS
SGG CLIMAPLUS EKO PLUS S SAFE 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	1,65	74,70	0,17/0,16	58,90	0,15/0,14	0,72	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(18air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/18/4	NPD	NPD	1,56	75,70	0,11/0,12	49,50	0,16/0,19	0,61	PASS
SGG CLIMAPLUS SECURIT SAFE N II F3 33.1(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/16/4	NPD	NPD	1,52	78,40	0,12/0,12	48,90	0,18/0,23	0,58	PASS
SGG CLIMAPLUS TOTAL 1.3 SILVIT 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(12air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/12/4	NPD	NPD	1,78	75,70	0,11/0,12	49,50	0,16/0,19	0,60	PASS
SGG CLIMAPLUS TOTAL 1.3 F3 BARK 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(14air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/14/4	NPD	NPD	1,63	75,70	0,11/0,12	49,50	0,16/0,19	0,61	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(16air)33.1mm	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/16/6	NPD	NPD	1,54	74,60	0,11/0,11	47,00	0,16/0,15	0,60	PASS
SGG CLIMAPLUS TOTAL 1.3 4(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	29(-1;-4)	NPD	2,2	77,39	0,12/0,12	55,29	0,23/0,20	0,65	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	4/12/4	29(0;-3)	NPD	1,8	76,00	0,12/0,12	52,28	0,21/0,19	0,64	PASS
SGG CLIMAPLUS FUTUR 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,22	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS TOTAL 1.3 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,35	76,70	0,11/0,12	53,70	0,20/0,19	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/16/4	NPD	NPD	1,54	75,70	0,11/0,12	49,50	0,16/0,19	0,61	PASS
SGG CLIMAPLUS TOTAL 1.3 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,3	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 PELERINE 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	1,5	76,00	0,12/0,12	52,28	0,21/0,19	0,64	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	1,3	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS
SGG CLIMAPLUS EKO PLUS S 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,68	74,70	0,17/0,16	58,90	0,15/0,14	0,72	PASS
SGG CLIMAPLUS TOTAL 1.3 4(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	1,6	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS

CE

Leistungserklärung
Nr.: LE40000000

C.Bergmann KG, Bergmann Platz 1, A-4050 Traun

C.Bergmann

EN 1279-5:2006+A2:2010

Isolierglas zur Verwendung in Gebäuden und Bauwerken

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	1,63	75,70	0,11/0,12	49,50	0,16/0,19	0,61	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE LEAF 4(18 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/18/6	NPD	NPD	1,56	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 4(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/6/4	29(-1;-4)	NPD	2,6	77,39	0,12/0,12	55,29	0,23/0,20	0,65	PASS
SGG CLIMAPLUS TOTAL 1.3 4(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/4	29(-1;-4)	NPD	2,6	77,39	0,12/0,12	55,29	0,23/0,20	0,65	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	1,77	74,60	0,11/0,11	47,00	0,16/0,15	0,60	PASS
SGG CLIMAPLUS EKO PLUS S 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,65	74,70	0,17/0,16	58,90	0,15/0,14	0,72	PASS
SGG CLIMAPLUS TOTAL 1.3 BARK 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 PROTECT 33.2(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1B1/1C3	40K/200K	7/18/4	NPD	NPD	1,56	75,50	0,11/0,12	48,70	0,15/0,18	0,60	PASS
SGG CLIMAPLUS SECURIT EKO PLUS S 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/200K	4/20/4	NPD	NPD	1,68	74,70	0,17/0,16	58,90	0,15/0,13	0,72	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/18/4	NPD	NPD	1,56	75,70	0,11/0,12	49,50	0,16/0,19	0,61	PASS
SGG CLIMAPLUS TOTAL 1.3 4(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/6	NPD	NPD	1,54	75,70	0,12/0,11	49,50	0,19/0,16	0,58	PASS
SGG CLIMAPLUS TOTAL 1.3 COTSWOLD 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT N II 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	1,43	79,50	0,12/0,12	52,90	0,23/0,23	0,63	PASS
SGG CLIMAPLUS EKO PLUS S SECURIT 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/12/4	29(0;-3)	NPD	1,87	74,70	0,17/0,16	58,90	0,15/0,13	0,72	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/10/4	NPD	NPD	2,0	77,39	0,12/0,12	55,29	0,23/0,20	0,65	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/4	NPD	NPD	1,78	75,70	0,11/0,12	49,50	0,16/0,19	0,60	PASS
SGG CLIMAPLUS TOTAL 1.3 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,5	76,00	0,12/0,12	52,28	0,21/0,19	0,64	PASS
SGG CLIMAPLUS SAFE N ARENA C 33.1(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/200K	6/18/4	NPD	NPD	1,44	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT N II 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/20/4	NPD	NPD	1,22	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N F2 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,43	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
XXX CLIMAPLUS TOTAL 1.3 SECURIT 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/12/4	29(0;-3)	NPD	1,8	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS
SGG CLIMAPLUS SECURIT N II 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	6/16/6	31(-1;-4)	NPD	1,42	77,70	0,12/0,12	49,30	0,20/0,21	0,61	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	1,3	76,00	0,12/0,12	52,28	0,21/0,19	0,64	PASS
SGG CLIMAPLUS TOTAL 1.3 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,5	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS
SGG CLIMAPLUS SAFE N II 33.1(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	6/16/6	NPD	NPD	1,19	77,50	0,11/0,12	47,30	0,18/0,21	0,58	PASS
SGG CLIMAPLUS SAFE N II 33.1(12 air)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C1	40K/200K	6/12/10	NPD	NPD	1,65	76,70	0,12/0,12	46,00	0,18/0,19	0,58	PASS
SGG CLIMAPLUS EKO PLUS S 33.1(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/200K	6/18/4	NPD	NPD	1,66	73,60	0,17/0,16	53,70	0,13/0,13	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	40K/200K	4/16/4	29(-1;-4)	NPD	1,5	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT BIOCLEAN 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/12/4	29(0;-3)	NPD	1,78	74,70	0,14/0,13	52,70	0,24/0,20	0,64	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	6/16/6	NPD	NPD	1,54	74,80	0,11/0,11	47,80	0,16/0,14	0,60	PASS
SGG CLIMAPLUS TOTAL 1.3 FLEMISH 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
XXX CLIMAPLUS TOTAL 1.3 SECURIT 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	1,3	76,00	0,12/0,12	52,28	0,21/0,19	0,64	PASS
SGG CLIMAPLUS SECURIT N II 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/12/4	29(0;-3)	NPD	1,68	79,50	0,12/0,12	52,90	0,23/0,23	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/20/4	NPD	NPD	1,35	76,70	0,11/0,12	53,70	0,20/0,19	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,6	77,39	0,12/0,12	55,29	0,20/0,23	0,59	PASS
SGG CLIMAPLUS SAFE N II 33.1(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/18/4	NPD	NPD	1,21	78,40	0,12/0,12	48,90	0,18/0,23	0,59	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,5	77,39	0,12/0,12	55,29	0,20/0,23	0,59	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT BARK 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT BARK 4(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/6/4	29(-1;-4)	NPD	2,56	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N 33.1(12 air)33.1mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,67	77,30	0,12/0,12	46,60	0,18/0,19	0,58	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT SILVIT 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
XXX CLIMAPLUS TOTAL 1.3 SAFE 6(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/16/6	NPD	NPD	1,54	74,80	0,11/0,11	47,80	0,18/0,15	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/12/4	29(0;-3)	NPD	1,5	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS
SGG CLIMAPLUS COOL-LITE SKN172 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,4	65,99	0,09/0,11	36,07	0,25/0,28	0,40	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 4(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	NPD	NPD	1,96	75,70	0,11/0,12	49,50	0,20/0,15	0,64	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/14/4	NPD	NPD	1,35	75,70	0,11/0,12	49,50	0,16/0,19	0,61	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE ARENA C 33.1(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/16/6	NPD	NPD	1,54	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 TAFFETTA 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
XXX CLIMAPLUS SECURIT N II 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/20/4	NPD	NPD	1,22	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS SECURIT N II 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	1,19	77,70	0,12/0,12	49,30	0,20/0,21	0,61	PASS
SGG CLIMAPLUS PLANIBEL G 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 ARENA C 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS COOL-LITE KN169 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,3	61,00	0,17/0,11	39,41	0,23/0,23	0,44	PASS
SGG CLIMAPLUS SAFE N 4(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/14/6	NPD	NPD	1,52	78,40	0,12/0,12	48,90	0,23/0,19	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 BARK 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 4(18 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/18/6	NPD	NPD	1,34	75,70	0,11/0,12	49,50	0,20/0,15	0,65	PASS
SGG CLIMAPLUS TOTAL 1.3 MINSTER 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE EKO PLUS S 33.1(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/18/4	NPD	NPD	1,66	73,60	0,17/0,16	53,70	0,13/0,13	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE F2 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/16/4	29(-1;-4)	NPD	1,5	77,39	0,12/0,12	55,29	0,20/0,23	0,59	PASS
SGG CLIMAPLUS TOTAL 1.3 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,3	76,00	0,12/0,12	52,28	0,21/0,19	0,64	PASS
SGG CLIMAPLUS SAFE N 33.1(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	1,34	77,30	0,12/0,12	46,60	0,18/0,19	0,58	PASS
SGG CLIMAPLUS SAFE TOTAL 1.3 ARENA C 33.1(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/18/4	NPD	NPD	1,56	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 F3 SAFE 4(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/14/6	NPD	NPD	1,63	75,70	0,11/0,12	49,50	0,20/0,15	0,65	PASS
SGG CLIMAPLUS SECURIT N II 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	1,20	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS EKO PLUS S SECURIT 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	1,65	74,70	0,17/0,16	58,90	0,15/0,14	0,72	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	6/12/6	NPD	NPD	1,77	14,80	0,11/0,11	47,80	0,16/0,17	0,60	PASS
SGG CLIMAPLUS N 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	33(-1;-4)	NPD	1,4	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 SAFE 4(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/14/6	NPD	NPD	1,63	75,70	0,12/0,11	45,90	0,19/0,16	0,58	PASS
SGG CLIMAPLUS SECURIT EKO LOGIK 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/20/4	NPD	NPD	1,74	68,80	0,18/0,16	52,60	0,17/0,15	0,69	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(10 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/10/6	NPD	NPD	1,62	74,60	0,11/0,11	47,00	0,16/0,15	0,60	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	40K/200K	4/20/4	NPD	NPD	1,58	76,70	0,11/0,11	53,70	0,20/0,20	0,66	PASS
SGG CLIMAPLUS SAFE N 33.1(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/16/6	NPD	NPD	1,42	77,30	0,12/0,12	46,60	0,18/0,19	0,58	PASS
SGG CLIMAPLUS SAFE FUTUR II 33.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	6/16/6	NPD	NPD	1,42	77,50	0,12/0,12	47,30	0,18/0,21	0,58	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 4(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/14/6	NPD	NPD	1,35	75,70	0,11/0,12	49,50	0,20/0,15	0,65	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(14 argon) 4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	1,35	75,70	0,11/0,12	49,50	0,16/0,19	0,61	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT MINSTER 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	200K/200K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 4(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/6	NPD	NPD	2,21	75,70	0,11/0,12	49,50	0,20/0,15	0,64	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS TOTAL 1.3 SAFE 4(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/12/6	NPD	NPD	1,78	75,70	0,11/0,12	49,50	0,20/0,15	0,65	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT BODY TINT GREY 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
XXX CLIMAPLUS PLANIBEL G 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 6(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/20/6	NPD	NPD	1,34	75,00	0,11/0,11	49,90	0,18/0,17	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 4(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	4/16/6	NPD	NPD	1,54	74,80	0,11/0,11	47,80	0,18/0,15	0,63	PASS
XXX CLIMAPLUS N 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	31(-1;-4)	NPD	1,4	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS SECURIT FUTUR II 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/12/6	31(-1;-4)	NPD	1,67	77,70	0,12/0,12	49,30	0,20/0,21	0,61	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT ARENA C 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	200K/200K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT TAFFETA 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	200K/200K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
XXX CLIMAPLUS N BODY TINT GREY 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	6/16/6	NPD	NPD	1,32	74,80	0,11/0,11	47,80	0,16/0,17	0,61	PASS
SGG CLIMAPLUS PROTECT 44.2(16 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/16/9	37(-2;-6)	NPD	1,42	75,20	0,11/0,12	44,80	0,16/0,16	0,55	PASS
SGG CLIMAPLUS TOTAL 1.3 STIPPOLYTE 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT N II 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/12/6	31(-1;-4)	NPD	1,34	77,70	0,12/0,12	49,30	0,20/0,21	0,61	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT BIOCLEAN 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	1,55	74,60	0,14/0,14	52,70	0,22/0,20	0,64	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT BARK 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N II 33.1(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/14/4	NPD	NPD	1,22	78,40	0,12/0,12	48,90	0,18/0,23	0,59	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 BARK 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N COOL-LITE ST150 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,43	45,80	0,20/0,19	30,60	0,21/0,28	0,35	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE BIOCLEAN 4(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,8	74,13	0,15/0,14	49,51	0,24/0,18	0,62	PASS
SGG CLIMAPLUS TOTAL 1.3 CHARCOAL STICKS 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 6(16 air)6 (See note below)	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/6	31(-1;-4)	NPD	1,5	76,00	0,12/0,12	52,28	0,21/0,19	0,64	PASS
SGG CLIMAPLUS N 4(20 air))4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,46	79,50	0,12/0,12	52,90	0,23/0,23	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT BODY TINT BRONZE 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C3	200K/200K	4/20/4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,3	77,39	0,12/0,12	55,29	0,20/0,23	0,59	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT BODY TINT BRONZE 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE BODY TINT BRONZE N 33.1(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	6/16/6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N BODY TINT GREY 6(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/16/6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN165 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	1,4	60,01	0,16/0,17	29,75	0,32/0,36	0,33	PASS
SGG CLIMAPLUS N 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,2	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS FUTUR ARENA C 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,22	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/12/6	31(-1;-4)	NPD	1,5	76,00	0,12/0,12	52,28	0,21/0,19	0,64	PASS
SGG CLIMAPLUS SECURIT N II 10(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C2	200K/200K	10/16/6	35(-1;-3)	NPD	1,19	76,90	0,12/0,12	47,90	0,19/0,21	0,59	PASS
XXX CLIMAPLUS TOTAL 1.3 SECURIT 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	1,5	76,00	0,12/0,12	52,28	0,21/0,19	0,64	PASS
SGG CLIMAPLUS SAFE N 4(14 argon)33.1mm	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/14/6	NPD	NPD	1,22	78,40	0,12/0,12	48,90	0,23/0,19	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE BODY TINT BRONZE 6(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/16/6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,5	76,00	0,12/0,12	52,28	0,21/0,19	0,64	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE BODY TINT GREY 6(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/16/6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT EKO LOGIK 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	1,70	62,70	0,18/0,16	48,40	0,16/0,14	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 BODY TINT GREY 6(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N 6(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/16/6	NPD	NPD	1,19	77,50	0,12/0,12	47,30	0,20/0,19	0,61	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/6	NPD	NPD	1,77	74,80	0,11/0,11	47,80	0,18/0,15	0,62	PASS
SGG CLIMAPLUS SAFE N 33.1(18 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/18/6	NPD	NPD	1,21	77,30	0,12/0,12	46,60	0,18/0,19	0,54	PASS
SGG CLIMAPLUS SECURIT N II BODY TINT GREY 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N 33.1(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/16/6	NPD	NPD	1,19	77,30	0,12/0,12	46,60	0,18/0,19	0,54	PASS
SGG CLIMAPLUS TOTAL 1.3 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,8	76,00	0,12/0,12	52,28	0,21/0,19	0,64	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT BODY TINT GREY 6(12 air)10	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C1	200K/200K	6/12/10	37(-1;-3)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
XXX CLIMAPLUS SAFE N II 33.1(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/14/4	NPD	NPD	1,22	78,40	0,12/0,12	48,90	0,18/0,23	0,59	PASS
SGG CLIMAPLUS N 4(6 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/4	29(-1;-4)	NPD	2,1	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS TOTAL 1.3 PROTECT SILENCE 10(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/9	42(-2;-6)	NPD	1,75	73,00	0,11/0,11	44,10	0,16/0,14	0,55	PASS
SGG CLIMAPLUS TOTAL 1.3 DIGITAL 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 PROTECT 44.4(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1B1/1B1	40K/40K	10/12/6	NPD	NPD	1,76	73,30	0,11/0,11	44,00	0,13/0,15	0,56	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/20/4	NPD	NPD	1,6	77,39	0,12/0,12	55,29	0,20/0,23	0,59	PASS
SGG CLIMAPLUS SAFE N II 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/100K	4/16/4	29(-1;-4)	NPD	2,06	79,50	0,12/0,12	52,90	0,23/0,23	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 AUTUMN 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 BARK 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
XXX CLIMAPLUS TOTAL 1.3 BARK 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN165 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/12/6	31(-1;-4)	NPD	1,6	60,01	0,16/0,17	29,75	0,32/0,36	0,33	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN154 SERALIT EVOLUTION 6(20air)10	NPD	NPD	NPD	NPD	NPD	NPD	(1C0/1C2*)/1C1	200K/200K	6/20/10	37(-1;-2)	NPD	1,3	49,12	0,18/0,21	23,28	0,34/0,32	0,27	PASS
SGG CLIMAPLUS TOTAL 1.3 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,8	77,39	0,12/0,12	55,29	0,20/0,23	0,60	PASS
SGG CLIMAPLUS SECURIT N II STIPPOLYTE 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	1,20	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS EKO PLUS S MAYFLOWER 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	2,76	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 STIPPOLYTE 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT PLANIBEL G FLORIELLE 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/20/4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SILENCE 66.1Si(24 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/24/8	NPD	NPD	1,19	72,90	0,11/0,11	41,90	0,14/0,16	0,53	PASS
SGG CLIMAPLUS TOTAL 1.3 MAYFLOWER 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE STIPPOLYTE COOL-LITE KN 469 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K	6/16/6	31(-1;-4)	NPD	1,54	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 COTSWOLD 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	29(-1;-4)	NPD	1,6	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS
SGG CLIMAPLUS SAFE N COTSWOLD 6(20 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	200K/40K	6/20/6	NPD	NPD	1,45	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE PROTECT SILENCE 10(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C1/1B1	40K/40K	10/12/9	42(-2;-6)	NPD	1,45	73,00	0,11/0,11	44,10	0,16/0,14	0,55	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 6(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C3	200K/200K	6/18/4	NPD	NPD	1,6	76,69	0,12/0,12	53,74	0,21/0,20	0,64	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT N II 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/20/4	NPD	NPD	1,46	79,50	0,12/0,12	52,90	0,23/0,23	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE BARK 4(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	200K/40K	4/14/6	NPD	NPD	1,35	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS EKO PLUS S ARENA C 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,65	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT OAK 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N 4(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/16/6	NPD	NPD	1,43	78,30	0,12/0,12	48,90	0,23/0,19	0,63	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/12/4	NPD	NPD	1,47	75,70	0,11/0,12	49,50	0,16/0,19	0,61	PASS
SGG CLIMAPLUS SAFE TOTAL 1.3 BODY TINT GREY 6(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/16/6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 COTSWOLD 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT N II 6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/14/6	31(-1;-4)	NPD	1,22	77,70	0,12/0,12	49,30	0,20/0,21	0,61	PASS
SGG CLIMAPLUS ULTRA N CHINCHILLA 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	NPD	NPD	1,12	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN154 6(15argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,0	49,26	0,18/0,21	22,43	0,34/0,31	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN165 6(16 argon)6mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,1	60,01	0,16/0,17	29,75	0,32/0,36	0,33	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 6(16 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/7	NPD	NPD	1,1	59,65	0,16/0,17	28,13	0,32/0,31	0,33	PASS
SGG CLIMAPLUS PROTECT SILENCE COOL-LITE SKN165 8(15 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/13	NPD	NPD	1,1	57,55	0,16/0,16	26,49	0,29/0,24	0,32	PASS
SGG CLIMAPLUS PROTECT ULTRA N COOL-LITE SS120 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,27	17,40	0,24/0,30	10,30	0,23/0,28	0,17	PASS
SGG CLIMAPLUS ULTRA N ANTELIO CLEAR 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,12	40,50	0,27/0,30	30,00	0,29/0,35	0,37	PASS
SGG CLIMAPLUS PROTECT ULTRA N ANTELIO CLEAR 6(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,38	39,30	0,27/0,29	26,30	0,29/0,26	0,37	PASS
SGG CLIMAPLUS ULTRA N F3 ARENA C 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	NPD	NPD	1,12	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,1	77,41	0,15/0,15	52,57	0,28/0,28	0,60	PASS
SGG CLIMAPLUS BIOCLEAN PROTECT ULTRA N 4(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/15/9	NPD	NPD	1,1	75,57	0,15/0,14	47,28	0,27/0,20	0,60	PASS
SGG CLIMAPLUS BIOCLEAN ULTRA N 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,3	76,71	0,15/0,14	51,16	0,26/0,28	0,59	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,1	76,71	0,15/0,14	51,16	0,26/0,28	0,59	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,3	76,02	0,15/0,14	49,82	0,26/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	31(-1;-4)	NPD	1,1	76,02	0,15/0,14	49,82	0,26/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,1	76,02	0,15/0,14	49,82	0,26/0,26	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N BIOCLEAN 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,1	74,88	0,15/0,14	46,10	0,25/0,20	0,58	PASS
SGG CLIMAPLUS ULTRA N 10(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/12/6	35(-1;-3)	NPD	1,3	76,99	0,12/0,12	48,88	0,20/0,24	0,57	PASS
SGG CLIMAPLUS ULTRA N F3 10(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/6	36(-1;-3)	NPD	1,1	76,99	0,12/0,12	48,88	0,20/0,24	0,57	PASS
SGG CLIMAPLUS ULTRA N 4(8 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	29(-1;-4)	NPD	1,7	79,85	0,12/0,12	54,69	0,27/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N 4(9 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/9/4	29(-1;-4)	NPD	1,56	79,50	0,12/0,11	53,50	0,24/0,25	0,62	PASS
SGG CLIMAPLUS ULTRA N 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	1,2	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS ULTRA N 4(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	1,5	79,85	0,12/0,12	54,69	0,27/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N F3 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,1	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS ULTRA N 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,1	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS ULTRA N 5(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	33(-1;-4)	NPD	1,3	79,49	0,12/0,12	53,95	0,26/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N 5(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/14/4	NPD	NPD	1,1	79,49	0,12/0,12	53,95	0,26/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N 5(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/4	33(-1;-4)	NPD	1,1	79,49	0,12/0,12	53,95	0,26/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N SWS 5(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/4	33(-1;-4)	NPD	1,1	79,49	0,12/0,12	53,95	0,26/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N 5(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/4	33(-1;-4)	NPD	1,4	79,49	0,12/0,12	53,95	0,26/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N 5(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/16/4	NPD	NPD	1,1	79,49	0,12/0,12	53,95	0,26/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N 5(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/5	NPD	NPD	1,1	79,13	0,12/0,12	53,22	0,26/0,25	0,62	PASS
SGG CLIMAPLUS ULTRA N F3 5(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/6	NPD	NPD	1,3	78,77	0,12/0,12	52,52	0,26/0,24	0,62	PASS
SGG CLIMAPLUS ULTRA N F3 5(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/14/6	NPD	NPD	1,1	78,77	0,12/0,12	52,52	0,26/0,24	0,62	PASS
SGG CLIMAPLUS ULTRA N F3 5(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/6	NPD	NPD	1,1	78,77	0,12/0,12	52,52	0,26/0,24	0,62	PASS
SGG CLIMAPLUS ULTRA N F3 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,3	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,6	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ULTRA N 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ULTRA N 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,4	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ULTRA N 6(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,3	78,77	0,12/0,12	52,52	0,25/0,25	0,61	PASS
SGG CLIMAPLUS ULTRA N 6(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/5	NPD	NPD	1,1	78,77	0,12/0,12	52,52	0,25/0,25	0,61	PASS
SGG CLIMAPLUS ULTRA N 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,3	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS ULTRA N F3 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,6	78,42	0,12/0,12	51,83	0,25/0,24	0,60	PASS
SGG CLIMAPLUS ULTRA N 6(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/6	31(-1;-4)	NPD	1,5	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS ULTRA N 6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/6	31(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS ULTRA N F3 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	31(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS ULTRA N 6(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	31(-1;-4)	NPD	1,4	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS ULTRA N 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS ULTRA N 8(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/4	36(-2;-5)	NPD	1,3	78,42	0,12/0,12	51,83	0,23/0,26	0,59	PASS
SGG CLIMAPLUS ULTRA N 8(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/5	NPD	NPD	1,1	78,06	0,12/0,12	51,16	0,23/0,25	0,59	PASS
SGG CLIMAPLUS ULTRA N 8(9 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/9/6	35(-2;-6)	NPD	1,54	76,80	0,11/0,11	48,20	0,19/0,22	0,58	PASS
SGG CLIMAPLUS ULTRA N 8(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/6	35(-2;-6)	NPD	1,3	77,71	0,12/0,12	50,50	0,23/0,24	0,59	PASS
SGG CLIMAPLUS ULTRA N 8(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/6	34(-1;-3)	NPD	1,1	77,71	0,12/0,12	50,50	0,23/0,24	0,59	PASS
SGG CLIMAPLUS ULTRA N 8(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/8	NPD	NPD	1,3	77,01	0,12/0,12	49,23	0,23/0,22	0,59	PASS
SGG CLIMAPLUS ULTRA N 8(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/8	NPD	NPD	1,1	77,01	0,12/0,12	49,23	0,23/0,22	0,59	PASS
SGG CLIMAPLUS 4S 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	1,2	71,10	0,12/0,13	39,14	0,33/0,34	0,42	PASS
SGG CLIMAPLUS 4S 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,1	71,10	0,12/0,13	39,14	0,33/0,34	0,42	PASS
SGG CLIMAPLUS 4S 4(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/5	NPD	NPD	1,1	70,78	0,12/0,13	38,76	0,33/0,33	0,42	PASS
SGG CLIMAPLUS 4S 4(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/6	32(-1;-4)	NPD	1,1	70,46	0,12/0,13	38,39	0,33/0,31	0,42	PASS
SGG CLIMAPLUS SAFE 4S 4(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/15/6	NPD	NPD	1,1	70,25	0,12/0,13	36,81	0,33/0,28	0,42	PASS
SGG CLIMAPLUS 4S 6(12 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/10	37(-1;-3)	NPD	1,3	68,57	0,12/0,13	36,18	0,30/0,26	0,41	PASS
SGG CLIMAPLUS ACOUSTIC 4S 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,3	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS ACOUSTIC 4S 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,1	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS 4S 6(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,3	70,14	0,12/0,13	38,02	0,30/0,33	0,41	PASS
SGG CLIMAPLUS 4S ACOUSTIC 6(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/5	NPD	NPD	1,1	70,14	0,12/0,13	38,02	0,30/0,33	0,41	PASS
SGG CLIMAPLUS 4S 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,3	69,83	0,12/0,13	37,66	0,30/0,31	0,41	PASS
SGG CLIMAPLUS 4S 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	31(-1;-4)	NPD	1,1	69,83	0,12/0,13	37,66	0,30/0,31	0,41	PASS
SGG CLIMAPLUS 4S ACOUSTIC 6(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/8	34(-1;-3)	NPD	1,3	69,20	0,12/0,13	36,97	0,30/0,29	0,41	PASS
SGG CLIMAPLUS 4S ACOUSTIC 6(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/8	34(-1;-3)	NPD	1,1	69,20	0,12/0,13	36,97	0,30/0,29	0,41	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/8	NPD	NPD	1,1	69,20	0,12/0,13	36,97	0,30/0,29	0,41	PASS
SGG CLIMAPLUS PROTECT 4S 6(15 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/15/7	NPD	NPD	1,1	69,41	0,12/0,13	35,70	0,30/0,27	0,41	PASS
SGG CLIMAPLUS PROTECT 4S 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,3	68,79	0,12/0,13	35,08	0,30/0,24	0,41	PASS
SGG CLIMAPLUS PROTECT 4S 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,1	68,79	0,12/0,13	35,08	0,30/0,24	0,41	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS PROTECT 4S 6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/9	39(-1;-5)	NPD	1,1	68,79	0,12/0,13	35,08	0,30/0,24	0,41	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 4(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/15/6	NPD	NPD	1,1	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS ULTRA N PROTECT 4(12 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/12/7	NPD	NPD	1,3	78,66	0,12/0,12	50,23	0,26/0,21	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 4(15 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/15/7	NPD	NPD	1,1	78,66	0,12/0,12	50,23	0,26/0,21	0,58	PASS
SGG CLIMAPLUS ULTRA N PROTECT 4(8 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/8/9	NPD	NPD	1,7	77,95	0,12/0,12	48,96	0,26/0,19	0,57	PASS
SGG CLIMAPLUS ULTRA N PROTECT 4(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/12/9	NPD	NPD	1,3	77,95	0,12/0,12	48,96	0,26/0,19	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 4(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/15/9	NPD	NPD	1,1	77,95	0,12/0,12	48,96	0,26/0,19	0,58	PASS
SGG CLIMAPLUS ULTRA N SAFE 6(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,3	78,18	0,12/0,12	49,72	0,24/0,22	0,56	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 6(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/15/6	NPD	NPD	1,1	78,18	0,12/0,12	49,72	0,24/0,22	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,3	77,25	0,12/0,12	47,75	0,24/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,1	77,25	0,12/0,12	47,75	0,24/0,19	0,56	PASS
SGG CLIMAPLUS ULTRA N SATINOVO MATE 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N SATINOVO MATE 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,12	78,60	0,12/0,11	51,60	0,22/0,24	0,60	PASS
SGG CLIMAPLUS ULTRA N F3 SAFE 33.1(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/15/6	NPD	NPD	1,1	77,95	0,12/0,12	48,96	0,22/0,22	0,58	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 33.1(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/15/6	NPD	NPD	1,1	77,95	0,12/0,12	48,96	0,22/0,22	0,54	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(12 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/12/4	NPD	NPD	1,3	78,66	0,12/0,12	50,23	0,21/0,26	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(14 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/14/4	NPD	NPD	1,1	78,66	0,12/0,12	50,23	0,21/0,26	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(15 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/15/4	36(-1;-5)	NPD	1,1	78,66	0,12/0,12	50,23	0,21/0,26	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(12 argon)6	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/12/6	NPD	NPD	1,3	77,95	0,12/0,12	48,96	0,21/0,24	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(15 argon)33.2	NPD	NPD	NPD	NPD	NPD	P1A/P1A	1B1/1B1	40K/40K	7/15/7	NPD	NPD	1,1	77,49	0,12/0,12	47,87	0,20/0,20	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.2(12 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	9/12/4	NPD	NPD	1,3	77,95	0,12/0,12	48,96	0,19/0,26	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.2(14 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	9/14/4	NPD	NPD	1,1	77,95	0,12/0,12	48,96	0,19/0,26	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.2(12 argon)6	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	9/12/6	NPD	NPD	1,3	77,25	0,12/0,12	47,75	0,19/0,24	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.2(15 argon)6	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	9/15/6	NPD	NPD	1,1	77,25	0,12/0,12	47,75	0,19/0,24	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.4(12 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/12/4	NPD	NPD	1,3	77,49	0,12/0,12	47,88	0,17/0,26	0,55	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.4(15 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/15/4	NPD	NPD	1,1	77,49	0,12/0,12	47,88	0,17/0,26	0,55	PASS
SGG CLIMAPLUS PROTECT ULTRA N 55.2(12 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	11/12/6	NPD	NPD	1,3	76,56	0,12/0,12	46,60	0,18/0,24	0,55	PASS
SGG CLIMAPLUS PROTECT ULTRA N 66.2(15 argon)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	13/15/8	NPD	NPD	1,1	75,19	0,11/0,12	44,44	0,16/0,22	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N SILENCE 44.2Si(12 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/6	NPD	NPD	1,3	77,25	0,12/0,12	47,75	0,19/0,24	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N SILENCE 44.2Si(15 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/15/6	NPD	NPD	1,1	77,25	0,12/0,12	47,75	0,19/0,24	0,56	PASS
SGG CLIMAPLUS ULTRA N 5(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	33(-1;-4)	NPD	1,62	79,10	0,12/0,11	52,60	0,23/0,24	0,61	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	1,6	77,95	0,12/0,12	48,96	0,22/0,22	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	1,3	77,95	0,12/0,12	48,96	0,22/0,22	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N 33.1(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/15/6	NPD	NPD	1,4	77,95	0,12/0,12	48,96	0,22/0,22	0,58	PASS
XXX CLIMAPLUS ULTRA N ACOUSTIC 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ACOUSTIC 4S 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,6	70,46	0,12/0,13	38,39	0,30/0,34	0,42	PASS
SGG CLIMAPLUS 4S 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,4	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS ULTRA N F3 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,6	78,77	0,12/0,12	52,52	0,25/0,25	0,61	PASS
SGG CLIMAPLUS ULTRA N F3 6(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/5	NPD	NPD	1,4	78,77	0,12/0,12	52,52	0,25/0,25	0,61	PASS
SGG CLIMAPLUS COOL-LITE SKN165 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,6	60,55	0,16/0,17	30,26	0,32/0,39	0,34	PASS
SGG CLIMAPLUS COOL-LITE SKN165 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,3	60,55	0,16/0,17	30,26	0,32/0,39	0,33	PASS
SGG CLIMAPLUS COOL-LITE SKN165 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,4	60,55	0,16/0,17	30,26	0,32/0,39	0,33	PASS
SGG CLIMAPLUS ACOUSTIC BIOCLEAN ULTRA N F3 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,6	76,71	0,15/0,14	51,16	0,26/0,28	0,58	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN ACOUSTIC 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,4	76,71	0,15/0,14	51,16	0,26/0,28	0,58	PASS
SGG CLIMAPLUS ULTRA N F3 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	31(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS SAFE ULTRA N 33.1(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/4	NPD	NPD	1,6	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N 33.1(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/4	NPD	NPD	1,3	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/4	NPD	NPD	1,4	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 44.2(12 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/12/9	NPD	NPD	1,6	76,10	0,12/0,12	45,59	0,19/0,19	0,55	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 44.2(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/12/9	NPD	NPD	1,3	76,10	0,12/0,12	45,59	0,19/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.2(15 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	36(-2;-5)	NPD	1,4	76,10	0,12/0,12	45,59	0,19/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 44.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	36(-2;-5)	NPD	1,1	76,10	0,12/0,12	45,59	0,19/0,19	0,56	PASS
SGG CLIMAPLUS ULTRA N 8(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/6	35(-2;-6)	NPD	1,6	77,71	0,12/0,12	50,50	0,23/0,24	0,59	PASS
SGG CLIMAPLUS ULTRA N 8(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/6	34(-1;-3)	NPD	1,4	77,71	0,12/0,12	50,50	0,23/0,24	0,59	PASS
SGG CLIMAPLUS SAFE ULTRA N 33.1(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/5	NPD	NPD	1,60	77,90	0,12/0,11	48,70	0,19/0,23	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N 33.1(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/5	NPD	NPD	1,28	77,90	0,12/0,11	48,70	0,19/0,23	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N 33.1(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/5	NPD	NPD	1,39	77,90	0,12/0,11	48,70	0,19/0,23	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N 33.1(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/5	NPD	NPD	1,12	77,90	0,12/0,11	48,70	0,19/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 6(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,6	59,12	0,16/0,17	27,70	0,32/0,28	0,33	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 6(12 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/12/7	NPD	NPD	1,3	59,65	0,16/0,17	28,13	0,32/0,31	0,33	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 6(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,4	59,12	0,16/0,17	27,70	0,32/0,28	0,33	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(12 air)33.2	NPD	NPD	NPD	NPD	NPD	P1A/P1A	1B1/1B1	40K/40K	7/12/7	NPD	NPD	1,6	77,49	0,12/0,12	47,87	0,20/0,20	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(12 argon)33.2	NPD	NPD	NPD	NPD	NPD	P1A/P1A	1B1/1B1	40K/40K	7/12/7	NPD	NPD	1,3	77,49	0,12/0,12	47,87	0,20/0,20	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(15 air)33.2	NPD	NPD	NPD	NPD	NPD	P1A/P1A	1B1/1B1	40K/40K	7/15/7	NPD	NPD	1,4	77,49	0,12/0,12	47,87	0,20/0,20	0,57	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,5	50,46	0,18/0,22	24,44	0,34/0,42	0,28	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,2	50,46	0,18/0,22	24,44	0,34/0,42	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,3	50,46	0,18/0,22	24,44	0,34/0,42	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN 165 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,6	60,28	0,16/0,17	30,01	0,32/0,38	0,34	PASS
SGG CLIMAPLUS COOL-LITE SKN 165 6(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,3	60,28	0,16/0,17	30,01	0,32/0,38	0,33	PASS
SGG CLIMAPLUS COOL-LITE SKN 165 6(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/5	NPD	NPD	1,4	60,28	0,16/0,17	30,01	0,32/0,38	0,33	PASS
SGG CLIMAPLUS COOL-LITE SKN 165 6(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/5	NPD	NPD	1,1	60,28	0,16/0,17	30,01	0,32/0,38	0,33	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 165 6(12 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/11	NPD	NPD	1,6	58,59	0,16/0,16	27,28	0,32/0,26	0,33	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 165 6(12 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/11	NPD	NPD	1,3	58,59	0,16/0,16	27,28	0,32/0,26	0,33	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 165 6(15 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	NPD	NPD	1,4	58,59	0,16/0,16	27,28	0,32/0,26	0,33	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 165 6(15 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	NPD	NPD	1,1	58,59	0,16/0,16	27,28	0,32/0,26	0,33	PASS
SGG CLIMAPLUS ULTRA N 10(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/12/6	35(-1;-3)	NPD	1,6	76,99	0,12/0,12	48,88	0,20/0,24	0,57	PASS
SGG CLIMAPLUS ULTRA N 10(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/6	36(-1;-3)	NPD	1,4	76,99	0,12/0,12	48,88	0,20/0,24	0,57	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS COOL-LITE SKN172 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,6	66,58	0,09/0,11	36,80	0,25/0,31	0,41	PASS
SGG CLIMAPLUS COOL-LITE SKN172 6(12 argon)4 mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,3	66,58	0,09/0,11	36,80	0,25/0,31	0,40	PASS
SGG CLIMAPLUS COOL-LITE SKN172 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,4	66,58	0,09/0,11	36,80	0,25/0,31	0,40	PASS
SGG CLIMAPLUS PROTECT 4S 6(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,6	68,79	0,12/0,13	35,08	0,30/0,24	0,41	PASS
XXX CLIMAPLUS PROTECT 4S 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,3	68,79	0,12/0,13	35,08	0,30/0,24	0,41	PASS
SGG CLIMAPLUS PROTECT 4S 6(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,4	68,79	0,12/0,13	35,08	0,30/0,24	0,41	PASS
XXX CLIMAPLUS PROTECT 4S 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,1	68,79	0,12/0,13	35,08	0,30/0,24	0,41	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.2(12 air)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/12/6	NPD	NPD	1,6	77,02	0,12/0,12	47,19	0,19/0,22	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.2(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/12/6	NPD	NPD	1,3	77,02	0,12/0,12	47,19	0,19/0,22	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.2(15 air)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/15/6	NPD	NPD	1,4	77,02	0,12/0,12	47,19	0,19/0,22	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.2(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/15/6	NPD	NPD	1,1	77,02	0,12/0,12	47,19	0,19/0,22	0,56	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 44.2(12 air)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/12/6	NPD	NPD	1,60	58,40	0,15/0,17	27,70	0,24/0,29	0,33	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 44.2(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/12/6	NPD	NPD	1,27	58,40	0,15/0,17	27,70	0,24/0,29	0,32	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 44.2(15 air)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/15/6	NPD	NPD	1,38	58,40	0,15/0,17	27,70	0,24/0,29	0,32	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 44.2(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/15/6	NPD	NPD	1,11	58,40	0,15/0,17	27,70	0,24/0,29	0,32	PASS
SGG CLIMAPLUS SAFE ULTRA N 5(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	5/12/6	NPD	NPD	1,60	77,90	0,12/0,11	48,70	0,23/0,20	0,61	PASS
SGG CLIMAPLUS SAFE ULTRA N 5(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	5/12/6	NPD	NPD	1,28	77,90	0,12/0,11	48,70	0,23/0,20	0,61	PASS
SGG CLIMAPLUS SAFE ULTRA N 5(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	5/15/6	NPD	NPD	1,39	77,90	0,12/0,11	48,70	0,23/0,20	0,61	PASS
SGG CLIMAPLUS SAFE ULTRA N 5(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	5/15/6	NPD	NPD	1,12	77,90	0,12/0,11	48,70	0,23/0,20	0,61	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.2(12 air)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/6	NPD	NPD	1,6	77,25	0,12/0,12	47,75	0,19/0,24	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.2(15 air)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	NPD/NPD	40K/40K	9/15/6	NPD	NPD	1,4	77,25	0,12/0,12	47,75	0,19/0,24	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 66.2(12 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/12/9	NPD	NPD	1,6	74,74	0,11/0,12	43,50	0,16/0,19	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N 66.2(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/12/9	NPD	NPD	1,3	74,74	0,11/0,12	43,50	0,16/0,19	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N 66.2(15 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	40(-1;-4)	NPD	1,4	74,74	0,11/0,12	43,50	0,16/0,19	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N 66.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	40(-1;-4)	NPD	1,1	74,74	0,11/0,12	43,50	0,16/0,19	0,53	PASS
SGG CLIMAPLUS ULTRA N 10(12 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/12/8	NPD	NPD	1,6	76,30	0,12/0,12	47,69	0,20/0,22	0,57	PASS
SGG CLIMAPLUS ULTRA N 10(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/12/8	NPD	NPD	1,3	76,30	0,12/0,12	47,69	0,20/0,22	0,57	PASS
SGG CLIMAPLUS ULTRA N 10(15 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/8	NPD	NPD	1,4	76,30	0,12/0,12	47,69	0,20/0,22	0,57	PASS
SGG CLIMAPLUS ULTRA N 10(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/8	NPD	NPD	1,1	76,30	0,12/0,12	47,69	0,20/0,22	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N 6(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,6	77,25	0,12/0,12	47,76	0,24/0,19	0,60	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,3	77,25	0,12/0,12	47,76	0,24/0,19	0,60	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 6(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,4	77,25	0,12/0,12	47,76	0,24/0,19	0,60	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,1	77,25	0,12/0,12	47,76	0,24/0,19	0,60	PASS
SGG CLIMAPLUS 4S PROTECT 44.2(12 air)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/12/6	NPD	NPD	1,60	68,10	0,12/0,13	34,40	0,22/0,26	0,40	PASS
SGG CLIMAPLUS 4S PROTECT 44.2(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/12/6	NPD	NPD	1,27	68,10	0,12/0,13	34,40	0,22/0,26	0,39	PASS
SGG CLIMAPLUS 4S PROTECT 44.2(15 air)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/15/6	NPD	NPD	1,38	68,10	0,12/0,13	34,40	0,22/0,26	0,39	PASS
SGG CLIMAPLUS 4S PROTECT 44.2(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/15/6	NPD	NPD	1,11	68,10	0,12/0,13	34,40	0,22/0,26	0,39	PASS
SGG CLIMAPLUS ULTRA N F2 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,6	79,85	0,12/0,12	54,69	0,26/0,27	0,58	PASS
SGG CLIMAPLUS ULTRA N F2 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,3	79,85	0,12/0,12	54,69	0,26/0,27	0,58	PASS
SGG CLIMAPLUS ULTRA N SATINOVO MATE 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N F2 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,1	79,85	0,12/0,12	54,69	0,26/0,27	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N 6(12 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/13	38(0;-3)	NPD	1,6	75,87	0,12/0,12	45,50	0,24/0,16	0,59	PASS
SGG CLIMAPLUS PROTECT ULTRA N 6(12 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/13	38(0;-3)	NPD	1,3	75,87	0,12/0,12	45,50	0,24/0,16	0,60	PASS
SGG CLIMAPLUS PROTECT ULTRA N 6(15 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/13	NPD	NPD	1,4	75,87	0,12/0,12	45,50	0,24/0,16	0,60	PASS
SGG CLIMAPLUS PROTECT ULTRA N 6(15 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/13	NPD	NPD	1,1	75,87	0,12/0,12	45,50	0,24/0,16	0,60	PASS
SGG CLIMAPLUS ULTRA N 8(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/5	NPD	NPD	1,6	78,06	0,12/0,12	51,16	0,23/0,25	0,59	PASS
SGG CLIMAPLUS ULTRA N 8(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/5	NPD	NPD	1,3	78,06	0,12/0,12	51,16	0,23/0,25	0,59	PASS
SGG CLIMAPLUS ULTRA N 8(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/5	NPD	NPD	1,4	78,06	0,12/0,12	51,16	0,23/0,25	0,59	PASS
SGG CLIMAPLUS SAFE ULTRA N 4(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	200K/40K	4/12/6	NPD	NPD	1,6	78,89	0,12/0,12	51,01	0,27/0,22	0,62	PASS
SGG CLIMAPLUS SAFE ULTRA N 4(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	200K/40K	4/12/6	NPD	NPD	1,3	78,89	0,12/0,12	51,01	0,27/0,22	0,62	PASS
SGG CLIMAPLUS SAFE ULTRA N 4(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/15/6	NPD	NPD	1,4	78,89	0,12/0,12	51,01	0,27/0,22	0,62	PASS
SGG CLIMAPLUS SAFE ULTRA N 4(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/15/6	NPD	NPD	1,1	78,89	0,12/0,12	51,01	0,27/0,22	0,62	PASS
SGG CLIMAPLUS COOL-LITE SKN165 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,6	60,01	0,16/0,17	29,75	0,32/0,36	0,33	PASS
SGG CLIMAPLUS COOL-LITE SKN165 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,3	60,01	0,16/0,17	29,75	0,32/0,36	0,33	PASS
SGG CLIMAPLUS COOL-LITE SKN165 6(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	31(-1;-4)	NPD	1,4	60,01	0,16/0,17	29,75	0,32/0,36	0,33	PASS
SGG CLIMAPLUS COOL-LITE SKN165 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	31(-1;-4)	NPD	1,1	60,01	0,16/0,17	29,75	0,32/0,36	0,33	PASS
SGG CLIMAPLUS PROTECT ULTRA N 5(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	5/12/9	NPD	NPD	1,60	76,80	0,12/0,11	46,40	0,23/0,17	0,60	PASS
SGG CLIMAPLUS PROTECT ULTRA N 5(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	5/12/9	NPD	NPD	1,27	76,80	0,12/0,11	46,40	0,23/0,17	0,61	PASS
SGG CLIMAPLUS PROTECT ULTRA N 5(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	5/15/9	NPD	NPD	1,39	76,80	0,12/0,11	46,40	0,23/0,17	0,60	PASS
SGG CLIMAPLUS PROTECT ULTRA N 5(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	5/15/9	NPD	NPD	1,11	76,80	0,12/0,11	46,40	0,23/0,17	0,61	PASS
SGG CLIMAPLUS PROTECT ULTRA N 6(12 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/11	NPD	NPD	1,6	76,56	0,12/0,12	46,60	0,24/0,18	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 6(12 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/11	NPD	NPD	1,3	76,56	0,12/0,12	46,60	0,24/0,18	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 6(15 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	NPD	NPD	1,4	76,56	0,12/0,12	46,60	0,24/0,18	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 6(15 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	NPD	NPD	1,1	76,56	0,12/0,12	46,60	0,24/0,18	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(12 air)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/12/4	NPD	NPD	1,6	78,66	0,12/0,12	50,23	0,21/0,26	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(15 air)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/15/4	36(-1;-5)	NPD	1,4	78,66	0,12/0,12	50,23	0,21/0,26	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 6(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,4	77,25	0,12/0,12	47,75	0,24/0,19	0,56	PASS
XXX CLIMAPLUS PROTECT ULTRA N F2 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,1	77,25	0,12/0,12	47,75	0,24/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 6(12 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/12/7	NPD	NPD	1,6	59,65	0,16/0,17	28,13	0,32/0,31	0,33	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 6(15 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/15/7	NPD	NPD	1,4	59,65	0,16/0,17	28,13	0,32/0,31	0,33	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 6(15 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/15/7	NPD	NPD	1,1	59,65	0,16/0,17	28,13	0,32/0,31	0,33	PASS
SGG CLIMAPLUS ULTRA N SATINOVO MATE 4(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/5	32(0;-3)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N SATINOVO MATE 4(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/5	32(0;-3)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N SATINOVO MATE 4(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N SATINOVO MATE 4(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N 4(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,4	79,85	0,12/0,12	54,69	0,27/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,1	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS ULTRA N ACOUSTIC 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
XXX CLIMAPLUS ULTRA N SILENCE BIOCLEAN 33.1Si(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/6	NPD	NPD	1,1	75,79	0,15/0,14	47,97	0,23/0,25	0,56	PASS
SGG CLIMAPLUS ULTRA N 33.1(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	1,1	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/14/4	NPD	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS SAFE ULTRA N 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/4	35(-2;-5)	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(16 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/16/4	NPD	NPD	1,1	78,66	0,12/0,12	50,23	0,21/0,26	0,57	PASS
SGG CLIMAPLUS ULTRA N ANTELIO SILVER 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,15	59,00	0,33/0,28	39,90	0,36/0,34	0,47	PASS
SGG CLIMAPLUS ULTRA N ANTELIO SILVER F1 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,12	59,00	0,33/0,28	39,90	0,36/0,34	0,47	PASS
SGG CLIMAPLUS ULTRA N ANTELIO GREEN F1 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,15	58,00	0,32/0,26	40,90	0,37/0,33	0,48	PASS
SGG CLIMAPLUS ULTRA N ANTELIO GREEN F1 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,12	58,00	0,32/0,26	40,90	0,37/0,33	0,48	PASS
SGG CLIMAPLUS ULTRA N ANTELIO CLEAR 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,15	40,40	0,33/0,25	29,60	0,35/0,32	0,36	PASS
SGG CLIMAPLUS ULTRA N ANTELIO CLEAR F1 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,12	40,40	0,33/0,25	29,60	0,35/0,32	0,36	PASS
SGG CLIMAPLUS ULTRA N ANTELIO BRONZE 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	NPD	NPD	1,15	38,40	0,33/0,26	27,00	0,34/0,32	0,33	PASS
SGG CLIMAPLUS ULTRA N ANTELIO BRONZE F1 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	0,12	38,40	0,33/0,26	27,00	0,34/0,32	0,33	PASS
SGG CLIMAPLUS ULTRA N PARSOL BRONZE 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	43,50	0,07/0,10	30,73	0,13/0,25	0,37	PASS
SGG CLIMAPLUS ULTRA N F3 PARSOL BRONZE 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,1	43,50	0,07/0,10	30,73	0,13/0,25	0,37	PASS
SGG CLIMAPLUS COOL-LITE SKN 172 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,2	66,58	0,09/0,11	36,80	0,25/0,31	0,40	PASS
SGG CLIMAPLUS N ACOUSTIC 6(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,4	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS N SWS V 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,4	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N SWS V 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N SWS 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,4	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N SWS 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS SAFE N 33.1(24 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/24/6	NPD	NPD	1,47	77,50	0,12/0,12	47,30	0,18/0,21	0,58	PASS
SGG CLIMAPLUS SAFE N 33.1(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/24/6	NPD	NPD	1,24	77,50	0,12/0,12	47,30	0,18/0,21	0,58	PASS
SGG CLIMAPLUS SAFE N 44.1(24 air)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/4	NPD	NPD	1,47	77,50	0,12/0,12	47,30	0,17/0,23	0,57	PASS
SGG CLIMAPLUS SAFE N 44.1(24 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/10	NPD	NPD	1,23	75,80	0,11/0,12	44,60	0,17/0,19	0,56	PASS
SGG CLIMAPLUS N 4(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,4	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N SWS 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N 6(24 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/4	35(-2;-6)	NPD	1,48	78,60	0,12/0,12	0,51	0,21/0,23	0,61	PASS
SGG CLIMAPLUS N SWS 6(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/4	35(-2;-6)	NPD	1,24	78,60	0,12/0,12	51,00	0,21/0,23	0,61	PASS
SGG CLIMAPLUS PROTECT N 33.2(14 air)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/14/4	NPD	NPD	1,52	78,20	0,12/0,12	48,20	0,17/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT N SWS 33.2(14 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/14/4	NPD	NPD	1,22	78,10	0,12/0,12	48,20	0,18/0,23	0,58	PASS
SGG CLIMAPLUS N SWS V 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,5	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS N SWS V 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,2	78,76	0,12/0,12	53,69	0,23/0,24	0,63	PASS
SGG CLIMAPLUS N 8(24 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/24/4	NPD	NPD	1,47	77,70	0,12/0,12	49,30	0,19/0,23	0,59	PASS
SGG CLIMAPLUS N 8(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/24/4	NPD	NPD	1,24	77,70	0,12/0,12	49,30	0,19/0,23	0,59	PASS
SGG CLIMAPLUS SAFE N 44.1(24 air)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/8	NPD	NPD	1,47	75,70	0,11/0,12	44,40	0,17/0,19	0,56	PASS
SGG CLIMAPLUS SAFE N 44.1(24 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/8	NPD	NPD	1,23	75,70	0,11/0,11	44,40	0,17/0,18	0,56	PASS
SGG CLIMAPLUS PROTECT N 33.2(16 air)6	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/16/8	NPD	NPD	1,42	76,40	0,12/0,12	45,10	0,17/0,19	0,57	PASS
SGG CLIMAPLUS PROTECT N 33.2(16 argon)6	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/16/8	NPD	NPD	1,19	76,40	0,12/0,12	45,10	0,17/0,19	0,57	PASS
SGG CLIMAPLUS N SWS 4(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	1,5	79,84	0,12/0,12	55,99	0,26/0,24	0,65	PASS
SGG CLIMAPLUS N SWS 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N 8(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,4	78,05	0,12/0,12	52,26	0,21/0,24	0,61	PASS
SGG CLIMAPLUS N ACOUSTIC SWS 8(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,2	78,05	0,12/0,12	52,26	0,21/0,24	0,61	PASS
SGG CLIMAPLUS N 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,46	79,50	0,12/0,12	52,90	0,23/0,23	0,63	PASS
SGG CLIMAPLUS N F3 SWS 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,22	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N PROTECT 66.2(24 air)44.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	13/24/8	NPD	NPD	1,46	73,60	0,11/0,11	40,80	0,13/0,17	0,52	PASS
SGG CLIMAPLUS PROTECT N 66.2(24 argon)44.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	13/24/8	NPD	NPD	1,22	73,60	0,11/0,11	40,80	0,13/0,17	0,52	PASS
SGG CLIMAPLUS N KURA 4(16 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,43	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N KURA 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,20	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT N 33.2(14 air)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/14/4	NPD	NPD	1,52	78,20	0,12/0,12	48,20	0,17/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT N 33.2(14 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/14/4	NPD	NPD	1,22	78,10	0,12/0,12	48,20	0,18/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT N 44.2(16 air)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/16/6	NPD	NPD	1,42	76,40	0,11/0,12	45,10	0,16/0,21	0,56	PASS
SGG CLIMAPLUS PROTECT N 44.2(16 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/16/6	NPD	NPD	1,19	76,40	0,11/0,12	45,10	0,16/0,21	0,56	PASS
SGG CLIMAPLUS N KURA 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,43	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N KURA SWS 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,20	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N 6(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,4	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS N SWS 6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,2	78,76	0,12/0,12	53,69	0,23/0,24	0,63	PASS
SGG CLIMAPLUS N SWS 6(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,4	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS N SWS 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,2	78,76	0,12/0,12	53,69	0,23/0,24	0,63	PASS
SGG CLIMAPLUS N SWS 6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,2	78,76	0,12/0,12	53,69	0,23/0,24	0,63	PASS
SGG CLIMAPLUS PROTECT N 33.2(18 air)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/18/4	NPD	NPD	1,14	78,20	0,12/0,12	48,20	0,17/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT N 33.2(18 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/18/4	NPD	NPD	1,21	78,20	0,12/0,12	48,20	0,17/0,23	0,58	PASS
SGG CLIMAPLUS N SAFE 33.1(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	1,52	78,40	0,12/0,12	48,90	0,18/0,23	0,58	PASS
SGG CLIMAPLUS N SAFE 33.1(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	1,22	78,40	0,12/0,12	48,90	0,18/0,23	0,59	PASS
SGG CLIMAPLUS N SWS V 6(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,4	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS N SWS V 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,2	78,76	0,12/0,12	53,69	0,23/0,24	0,63	PASS
SGG CLIMAPLUS 4S 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,4	71,10	0,12/0,13	39,14	0,33/0,34	0,42	PASS
SGG CLIMAPLUS PROTECT N 66.2(14 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	13/14/4	NPD	NPD	1,61	75,50	0,11/0,12	43,80	0,13/0,23	0,53	PASS
SGG CLIMAPLUS PROTECT N 66.2(14 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	13/14/4	NPD	NPD	1,21	73,60	0,11/0,11	40,80	0,13/0,17	0,52	PASS
SGG CLIMAPLUS N KURA 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,43	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N KURA SWS V 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,20	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT N 66.2(16 air)10	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	13/16/10	41(-1;-4)	NPD	1,40	73,90	0,11/0,12	41,40	0,13/0,19	0,52	PASS
SGG CLIMAPLUS PROTECT N 66.2(16 argon)10	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	13/16/10	41(-1;-4)	NPD	1,18	73,80	0,11/0,12	41,30	0,13/0,19	0,52	PASS
SGG CLIMAPLUS N SWS 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,5	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS N SWS 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,2	78,76	0,12/0,12	53,69	0,23/0,24	0,63	PASS
SGG CLIMAPLUS N SAFE 33.1(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	1,52	78,40	0,12/0,12	48,90	0,18/0,23	0,58	PASS
SGG CLIMAPLUS N SAFE SWS 33.1(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	1,22	78,40	0,12/0,12	48,90	0,18/0,23	0,59	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS PROTECT N 33.2(16 air)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/16/4	NPD	NPD	1,42	78,20	0,12/0,12	48,20	0,17/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT N 33.2(16 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/16/4	NPD	NPD	1,20	78,20	0,12/0,12	48,20	0,17/0,23	0,58	PASS
SGG CLIMAPLUS SAFE N 4(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/15/6	NPD	NPD	1,19	78,40	0,12/0,12	48,90	0,23/0,19	0,63	PASS
SGG CLIMAPLUS ULTRA N SAFE 4(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/15/6	NPD	NPD	1,1	78,89	0,12/0,12	51,01	0,27/0,22	0,62	PASS
SGG CLIMAPLUS COOL-LITE SKN 172 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,2	67,18	0,09/0,11	37,55	0,27/0,31	0,41	PASS
SGG CLIMAPLUS N F2 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	31(-1;-4)	NPD	1,19	77,70	0,12/0,12	49,30	0,21/0,21	0,56	PASS
SGG CLIMAPLUS ULTRA N F2 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	31(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,24/0,25	0,57	PASS
SGG CLIMAPLUS SAFE N F3 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/15/4	29(-1;-4)	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS SAFE ULTRA N 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	4/15/4	29(-1;-4)	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS N F3 SWS V 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,22	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N SWS V 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
XXX CLIMAPLUS N ACOUSTIC SWS 8(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,2	78,05	0,12/0,12	52,26	0,21/0,24	0,61	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC SWS 8(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,1	78,42	0,12/0,12	51,83	0,23/0,26	0,59	PASS
SGG CLIMAPLUS ULTRA N SWS 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,1	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS ULTRA N 6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS SAFE ULTRA N SWS 4(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/15/9	NPD	NPD	1,1	77,95	0,12/0,12	48,96	0,26/0,19	0,58	PASS
SGG CLIMAPLUS ULTRA N F3 6(10 krypton)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/5	NPD	NPD	1,0	78,77	0,12/0,12	52,52	0,25/0,25	0,61	PASS
SGG CLIMAPLUS PROTECT N 4(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/15/9	NPD	NPD	1,2	77,58	0,12/0,12	49,16	0,23/0,18	0,58	PASS
SGG CLIMAPLUS N ACOUSTIC 8(16 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,17	77,70	0,12/0,12	49,30	0,19/0,23	0,59	PASS
SGG CLIMAPLUS N 6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,2	78,76	0,12/0,12	53,69	0,23/0,24	0,63	PASS
SGG CLIMAPLUS ULTRA N F3 6(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS N ACOUSTIC 10(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/14/4	35(-2;-5)	NPD	1,2	77,33	0,12/0,12	50,51	0,19/0,24	0,59	PASS
SGG CLIMAPLUS N ACOUSTIC 10(14 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/14/4	35(-2;-5)	NPD	1,15	77,80	0,12/0,12	49,50	0,19/0,23	0,60	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC 10(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/6	35(-1;-3)	NPD	1,1	76,99	0,12/0,12	48,88	0,20/0,24	0,57	PASS
SGG CLIMAPLUS N 5(18 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/18/5	NPD	NPD	1,2	78,76	0,12/0,12	53,69	0,24/0,23	0,63	PASS
SGG CLIMAPLUS ULTRA N SWS 4(20 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,1	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS ULTRA N F3 SWS 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,1	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 SWS 4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/16/9	37(-2;-6)	NPD	1,1	77,95	0,12/0,12	48,96	0,26/0,19	0,58	PASS
SGG CLIMAPLUS N SWS V 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS COOL-LITE SKN165 8(22 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/22/8	NPD	NPD	1,15	58,10	0,15/0,16	28,20	0,27/0,29	0,33	PASS
SGG CLIMAPLUS ULTRA N 5(18 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/18/5	NPD	NPD	1,1	79,13	0,12/0,12	53,22	0,26/0,25	0,62	PASS
SGG CLIMAPLUS PROTECT N 4(14 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	4/14/10	NPD	NPD	1,2	77,12	0,12/0,12	48,02	0,23/0,17	0,58	PASS
SGG CLIMAPLUS N SWS V 4(22 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/22/4	NPD	NPD	1,23	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,2	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/10/4	NPD	NPD	1,0	77,49	0,12/0,12	47,88	0,17/0,26	0,55	PASS
SGG CLIMAPLUS ULTRA N F3 4(16 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,1	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS ULTRA N 4(14 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	1,08	79,50	0,12/0,11	53,50	0,24/0,25	0,63	PASS
SGG CLIMAPLUS ULTRA N 4(22 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/22/4	NPD	NPD	1,16	79,50	0,12/0,11	53,50	0,24/0,25	0,63	PASS
SGG CLIMAPLUS ULTRA F3 N 6(16 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS ULTRA N F2 6(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,24/0,25	0,57	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 10(20 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/20/8	45(-1;-5)	NPD	1,1	76,08	0,12/0,12	45,84	0,20/0,20	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/9	39(-1;-5)	NPD	1,1	77,25	0,12/0,12	47,75	0,24/0,19	0,56	PASS
SGG CLIMAPLUS ULTRA N 5(18 krypton)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/18/5	NPD	NPD	1,11	78,60	0,12/0,11	51,60	0,23/0,23	0,61	PASS
SGG CLIMAPLUS PROTECT N 4(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/14/9	NPD	NPD	1,2	77,58	0,12/0,12	49,16	0,23/0,18	0,58	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC 10(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/14/4	35(-2;-5)	NPD	1,1	77,69	0,12/0,12	50,13	0,20/0,26	0,58	PASS
SGG CLIMAPLUS N II 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	6/16/6	31(-1;-4)	NPD	1,19	77,70	0,12/0,12	49,30	0,20/0,21	0,61	PASS
SGG CLIMAPLUS 4S 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,1	71,10	0,12/0,13	39,14	0,33/0,34	0,42	PASS
SGG CLIMAPLUS ULTRA N SWS 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS PROTECT N SWS V 4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/16/9	37(-2;-6)	NPD	1,2	77,58	0,12/0,12	49,16	0,23/0,18	0,58	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC SWS 10(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/4	35(-2;-5)	NPD	1,1	77,69	0,12/0,12	50,13	0,20/0,26	0,58	PASS
XXX CLIMAPLUS N F2 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,43	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N F2 4(16 argon)4 (See note below)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,22	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N 4(16 argon)4 (See note below)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,22	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,23	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,68	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,37	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT N 4(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/12/9	NPD	NPD	1,7	77,58	0,12/0,12	49,16	0,23/0,18	0,58	PASS
SGG CLIMAPLUS N 4(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,24	78,60	0,12/0,12	51,00	0,23/0,21	0,57	PASS
SGG CLIMAPLUS ACOUSTIC N F2 4(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,52	78,60	0,12/0,12	51,00	0,23/0,21	0,57	PASS
SGG CLIMAPLUS N F2 ARENA C F4 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,43	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N ACOUSTIC 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/10	29(-1;-4)	NPD	1,85	77,80	0,12/0,12	27,80	0,23/0,19	0,57	PASS
SGG CLIMAPLUS N F2 4(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	1,52	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N ACOUSTIC 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,24	78,60	0,12/0,12	51,00	0,21/0,23	0,61	PASS
SGG CLIMAPLUS N F2 4(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/6	NPD	NPD	1,23	78,60	0,12/0,12	51,00	0,23/0,21	0,57	PASS
SGG CLIMAPLUS PROTECT N 33.2(10 air)33.2	NPD	NPD	NPD	NPD	NPD	P1A/P1A	1B1/1B1	40K/40K	7/10/7	NPD	NPD	1,86	77,00	0,12/0,12	45,60	0,17/0,18	0,57	PASS
SGG CLIMAPLUS PROTECT N 4(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/12/9	29(0;-3)	NPD	1,36	77,30	0,12/0,12	46,60	0,23/0,16	0,57	PASS
SGG CLIMAPLUS N ACOUTIC 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,5	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS PROTECT N 4(10 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD	40K/40K	4/10/9	NPD	NPD	1,9	77,58	0,12/0,12	49,16	0,23/0,18	0,58	PASS
SGG CLIMAPLUS PROTECT N 4(10 air)SP510	NPD	NPD	NPD	NPD	NPD	NPD/P5A	NPD/1B1	40K/40K	4/10/10	NPD	NPD	1,86	76,70	0,12/0,11	44,80	0,23/0,14	0,56	PASS
SGG CLIMAPLUS N 4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/10	29(-1;-4)	NPD	1,52	77,80	0,12/0,12	49,50	0,23/0,19	0,57	PASS
SGG CLIMAPLUS N F2 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,22	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT N 44.2(12 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/4	NPD	NPD	1,67	77,30	0,12/0,12	46,60	0,16/0,23	0,56	PASS
SGG CLIMAPLUS N (4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,23	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT N 44.2(12 argon)4	NPD	NPD	NPD	NPD	NPD	P2A	1B1/NPD	40K/40K	9/12/4	NPD	NPD	1,36	77,30	0,12/0,12	46,60	0,16/0,23	0,56	PASS
SGG CLIMAPLUS ARENA C 4S 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,37	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,46	79,60	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT N 4(10 argon)SP510	NPD	NPD	NPD	NPD	NPD	NPD/P5A	NPD/1B1	40K/40K	4/10/10	NPD	NPD	1,53	76,70	0,12/0,11	44,80	0,23/0,14	0,56	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS PROTECT N 4(16 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/16/9	37(-2;-6)	NPD	1,4	77,58	0,12/0,12	49,16	0,23/0,18	0,58	PASS
SGG CLIMAPLUS PROTECT N 44.2(6 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/6/9	NPD	NPD	2,45	75,20	0,12/0,11	42,80	0,16/0,16	0,52	PASS
SGG CLIMAPLUS N 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,67	77,70	0,12/0,12	49,30	0,21/0,20	0,56	PASS
SGG CLIMAPLUS N ACOUSTIC 10(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/10/4	36(-1;-4)	NPD	1,52	77,80	0,12/0,12	49,50	0,19/0,23	0,54	PASS
SGG CLIMAPLUS PROTECT N 44.2(8 air)33.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/8/7	NPD	NPD	2,11	76,10	0,12/0,12	44,20	0,16/0,17	0,52	PASS
SGG CLIMAPLUS N ACOUSTIC 10(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/10/4	36(-1;-4)	NPD	1,8	77,33	0,12/0,12	50,51	0,19/0,24	0,59	PASS
SGG CLIMAPLUS N F2 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	1,24	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N ARENA C 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,22	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	29(-1;-4)	NPD	1,87	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N 4(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,45	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N ACOUSTIC 4(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/8	36(-2;-5)	NPD	1,36	77,70	0,12/0,12	49,30	0,23/0,19	0,57	PASS
SGG CLIMAPLUS PROTECT N 4(10 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/10/9	NPD	NPD	1,53	77,30	0,12/0,12	46,60	0,23/0,16	0,57	PASS
SGG CLIMAPLUS N F3 ARENA C F1 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,43	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT N 44.2(12 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/12/9	NPD	NPD	1,65	75,20	0,12/0,11	42,80	0,16/0,16	0,51	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT BODY TINT GREEN 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE BODY TINT GREEN 6(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	200K/40K	6/16/6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE BODY TINT GREEN 6(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	200K/40K	6/16/6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE BODY TINT GREEN 6 (12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	200K/40K	6/12/6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N PARSOL GREEN 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,13	69,80	0,10/0,10	38,10	0,11/0,24	0,45	PASS
SGG CLIMAPLUS ULTRA N PARSOL GREEN 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	NPD	NPD	1,15	64,70	0,09/0,10	32,40	0,08/0,24	0,39	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT BODY TINT GREY 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N F2 4(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/24/4	NPD	NPD	1,24	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS ULTRA N 4(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/24/4	NPD	NPD	1,2	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS N 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,7	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N BIOCLEAN 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,68	77,30	0,15/0,14	51,70	0,26/0,25	0,62	PASS
SGG CLIMAPLUS COOL-LITE SKN172 4(12 argon)4mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,3	67,18	0,09/0,11	37,55	0,27/0,31	0,41	PASS
SGG CLIMAPLUS N BIOCLEAN 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,46	77,30	0,15/0,14	51,70	0,26/0,25	0,62	PASS
SGG CLIMAPLUS N 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,4	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS COOL-LITE SKN172 6(12 argon)6mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,3	65,99	0,09/0,11	36,07	0,25/0,28	0,40	PASS
SGG CLIMAPLUS N F3 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,3	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N BIOCLEAN 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,35	77,30	0,15/0,14	51,70	0,26/0,25	0,62	PASS
XXX CLIMAPLUS COOL-LITE SKN172 6(12 argon)4 mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,3	66,58	0,09/0,11	36,80	0,25/0,31	0,40	PASS
XXX CLIMAPLUS COOL-LITE SKN172 6(15 argon)4 mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,2	66,58	0,09/0,11	36,80	0,25/0,31	0,40	PASS
SGG CLIMAPLUS N 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS FUTUR 6(12 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/8	38(-1;-4)	NPD	1,34	76,60	0,12/0,12	45,80	0,20/0,17	0,61	PASS
SGG CLIMAPLUS FUTUR 6(15 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/15/8	NPD	NPD	1,18	76,60	0,12/0,12	45,80	0,20/0,17	0,61	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN172 F2 44.1(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	8/12/4	NPD	NPD	1,3	65,79	0,09/0,11	35,02	0,21/0,31	0,38	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN172 F2 44.1(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	8/15/4	NPD	NPD	1,4	65,79	0,09/0,11	35,02	0,21/0,31	0,39	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/12/6	NPD	NPD	1,34	76,60	0,12/0,12	45,80	0,17/0,21	0,56	PASS
XXX CLIMAPLUS SAFE ULTRA N 4(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/12/6	NPD	NPD	1,3	78,89	0,12/0,12	51,01	0,27/0,22	0,62	PASS
SGG CLIMAPLUS SAFE FUTUR 6(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/6	NPD	NPD	1,32	74,40	0,12/0,13	45,20	0,24/0,23	0,56	PASS
SGG CLIMAPLUS SAFE FUTUR 6(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/15/6	NPD	NPD	1,32	74,40	0,12/0,13	45,20	0,24/0,23	0,56	PASS
SGG CLIMAPLUS SAFE N F2 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	40K/200K	4/15/4	29(-1;-4)	NPD	1,19	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS SILENCE COOL-LITE SKN154 6(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	38(-1;-4)	NPD	1,2	49,41	0,18/0,22	22,72	0,34/0,32	0,27	PASS
SGG CLIMAPLUS SILENCE COOL-LITE SKN154 6(15 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/15/8	NPD	NPD	1,0	49,41	0,18/0,22	22,72	0,34/0,32	0,27	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN172 44.1(12 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,30	64,10	0,09/0,11	32,70	0,20/0,29	0,39	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN172 44.1(15 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/15/8	NPD	NPD	1,15	64,10	0,09/0,11	32,70	0,20/0,29	0,38	PASS
SGG CLIMAPLUS N F2 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,35	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N F2 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,19	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N MONUMENTAL S 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(-1;-4)	NPD	1,35	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N MONUMENTAL S 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,19	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC 4S 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS ACOUSTIC 4S 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS 4S BIOCLEAN 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,12	69,00	0,15/0,15	38,70	0,36/0,33	0,41	PASS
SGG CLIMAPLUS 4S F2 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,1	71,10	0,12/0,13	39,14	0,33/0,34	0,42	PASS
SGG CLIMAPLUS BIOCLEAN 4S F2 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,12	69,00	0,15/0,15	38,70	0,36/0,33	0,41	PASS
SGG CLIMAPLUS N ACOUSTIC 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,2	78,76	0,12/0,12	53,69	0,23/0,24	0,63	PASS
SGG CLIMAPLUS N 4(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	34(-1;-5)	NPD	1,3	78,76	0,12/0,12	53,69	0,25/0,22	0,64	PASS
SGG CLIMAPLUS N F3 4(15 argon)4 (See note below)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N ACOUSTIC BIOCLEAN 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,20	76,40	0,15/0,14	49,90	0,24/0,24	0,60	PASS
SGG CLIMAPLUS N F3 4(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/6	NPD	NPD	1,2	78,76	0,12/0,12	53,69	0,25/0,22	0,64	PASS
SGG CLIMAPLUS EKOPLUS S 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,46	74,70	0,17/0,16	58,90	0,15/0,14	0,72	PASS
SGG CLIMAPLUS N ACOUSTIC 8(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/4	36(-2;-5)	NPD	1,14	77,70	0,12/0,12	49,30	0,19/0,23	0,59	PASS
SGG CLIMAPLUS N ACOUSTIC BIOCLEAN 8(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/4	36(-2;-5)	NPD	1,14	75,50	0,14/0,14	48,20	0,22/0,24	0,58	PASS
SGG CLIMAPLUS N 6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/6	31(-1;-4)	NPD	1,2	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS N F3 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,22	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N ACOUSTIC 8(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,2	78,05	0,12/0,12	52,26	0,21/0,24	0,61	PASS
SGG CLIMAPLUS N 4(18 argon)4 (See note below)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,12	78,40	0,10/0,10	46,40	0,25/0,25	0,55	PASS
SGG CLIMAPLUS N 4(10 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/6	NPD	NPD	1,5	78,76	0,12/0,12	53,69	0,25/0,22	0,64	PASS
SGG CLIMAPLUS N PARSOL GREY 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,20	38,30	0,06/0,10	28,00	0,11/0,22	0,36	PASS
SGG CLIMAPLUS 4S 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,3	71,10	0,12/0,13	39,14	0,33/0,34	0,42	PASS
SGG CLIMAPLUS N PROTECT BIOCLEAN 44.2(16 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/16/4	37(-2;-6)	NPD	1,19	75,10	0,14/0,14	45,70	0,19/0,24	0,55	PASS
SGG CLIMAPLUS N ACOUSTIC 10(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/4	35(-2;-5)	NPD	1,2	77,33	0,12/0,12	50,51	0,19/0,24	0,59	PASS
SGG CLIMAPLUS N ACOUSTIC BIOCLEAN 10(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/4	35(-2;-5)	NPD	1,18	75,60	0,14/0,14	48,40	0,22/0,24	0,58	PASS
SGG CLIMAPLUS N ACOUSTIC 10(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/4	35(-2;-5)	NPD	1,2	77,33	0,12/0,12	50,51	0,19/0,24	0,59	PASS
SGG CLIMAPLUS ACOUSTIC 4S 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS N 4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,14	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4		3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS N BIOCLEAN 10(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/4	NPD	NPD	1,21	75,60	0,14/0,14	48,40	0,22/0,24	0,58	PASS
SGG CLIMAPLUS N 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N 4(18 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,18	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 4(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	33(-1;-3)	NPD	1,14	78,60	0,12/0,12	51,00	0,23/0,21	0,63	PASS
SGG CLIMAPLUS N PROTECT BIOCLEAN 44.2(20 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/20/6	NPD	NPD	1,21	74,20	0,14/0,14	44,20	0,19/0,22	0,55	PASS
SGG CLIMAPLUS ULTRA N 3(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/12/4	NPD	NPD	1,07	80,00	0,12/0,11	54,50	0,26/0,25	0,64	PASS
SGG CLIMAPLUS N 4(18 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/6	NPD	NPD	1,18	78,60	0,12/0,12	51,00	0,23/0,21	0,63	PASS
SGG CLIMAPLUS N 4(06 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/6	NPD	NPD	1,51	78,60	0,12/0,12	51,00	0,23/0,21	0,63	PASS
XXX CLIMAPLUS N 4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,14	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 4(21krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/21/4	NPD	NPD	1,20	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 4(18 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,18	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 4(15 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,16	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
XXX CLIMAPLUS ULTRA N 3(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/12/4	NPD	NPD	1,07	80,00	0,12/0,11	54,50	0,26/0,25	0,64	PASS
SGG CLIMAPLUS ULTRA N 3(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/12/4	NPD	NPD	1,3	80,21	0,12/0,12	55,46	0,28/0,27	0,63	PASS
SGG CLIMAPLUS SAFE N 4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/12/4	29(0;-3)	NPD	1,14	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS SAFE N 4(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/16/6	NPD	NPD	1,22	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
XXX CLIMAPLUS N SWS 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N 4(22 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/22/4	NPD	NPD	1,23	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 4(27 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/27/4	NPD	NPD	1,26	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 4(09 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/9/4	NPD	NPD	1,62	79,50	0,12/0,12	52,90	0,23/0,23	0,63	PASS
SGG CLIMAPLUS SAFE N 4(18 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/18/6	NPD	NPD	1,24	78,40	0,12/0,12	48,90	0,23/0,19	0,63	PASS
XXX CLIMAPLUS SAFE N F3 4(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/12/6	NPD	NPD	1,35	78,30	0,12/0,12	48,90	0,23/0,19	0,63	PASS
SGG CLIMAPLUS ACOUSTIC 4S 6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,1	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS COOL-LITE SKN154 F2 8(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/6	36(-1;-4)	NPD	1,0	49,56	0,18/0,22	23,68	0,31/0,38	0,27	PASS
SGG CLIMAPLUS N SWS 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(-1;-4)	NPD	1,3	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS SAFE 4S 6(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/6	NPD	NPD	1,1	69,62	0,12/0,13	36,16	0,30/0,28	0,41	PASS
SGG CLIMAPLUS 4S 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,1	69,83	0,12/0,13	37,66	0,30/0,31	0,41	PASS
XXX CLIMAPLUS N F3 SWS 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,22	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N SWS 4(22 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/22/4	NPD	NPD	1,23	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS 4S 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	31(-1;-4)	NPD	1,1	69,83	0,13/0,12	37,66	0,31/0,30	0,52	PASS
SGG CLIMAPLUS 4S 6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/6	31(-1;-4)	NPD	1,1	69,83	0,12/0,13	37,66	0,30/0,31	0,41	PASS
SGG CLIMAPLUS N F3 4(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/24/4	NPD	NPD	1,24	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 4(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/6	NPD	NPD	1,20	78,40	0,12/0,12	48,90	0,23/0,19	0,63	PASS
SGG CLIMAPLUS COOL-LITE SKN154 F2 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	33(-1;-4)	NPD	1,0	50,01	0,18/0,22	24,05	0,34/0,38	0,27	PASS
SGG CLIMAPLUS SAFE N 8(12 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/12/8	40(-1;-5)	NPD	1,34	75,70	0,12/0,12	44,40	0,19/0,17	0,59	PASS
SGG CLIMAPLUS N 4(08 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	NPD	NPD	1,7	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N SWS 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS SAFE 4S F2 33.1(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,1	70,25	0,12/0,13	36,81	0,27/0,34	0,40	PASS
SGG CLIMAPLUS SAFE N SERALIT EVOLUTION 6(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	(1C0/1C2*)/2B2	200K/40K	6/15/6	NPD	NPD	1,32	74,40	0,12/0,13	45,20	0,24/0,23	0,56	PASS
SGG CLIMAPLUS SAFE N F3 6(14 argon)33.1 (See note below)	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/14/6	NPD	NPD	1,22	77,40	0,12/0,12	47,30	0,20/0,19	0,61	PASS
SGG CLIMAPLUS SAFE N F2 6(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,2	77,81	0,12/0,12	49,96	0,22/0,21	0,57	PASS
SGG CLIMAPLUS PROTECT N 4(20 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	1C3/1B1	200K/40K	4/20/7	NPD	NPD	1,22	78,20	0,12/0,12	48,20	0,23/0,18	0,63	PASS
SGG CLIMAPLUS N COTSWOLD 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(-1;-4)	NPD	1,35	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE 4S 6(14 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/8	NPD	NPD	1,1	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS SAFE 4S 6(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,1	69,62	0,12/0,13	36,16	0,30/0,28	0,41	PASS
SGG CLIMAPLUS 4S 4(09 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/9/4	NPD	NPD	1,56	71,00	0,12/0,13	38,70	0,33/0,32	0,42	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN154 6(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,2	49,86	0,18/0,22	23,05	0,34/0,35	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN172 6(18 argon)4mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,17	66,70	0,09/0,10	36,70	0,25/0,29	0,40	PASS
SGG CLIMAPLUS SAFE N F3 6(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,22	77,40	0,12/0,12	47,30	0,20/0,19	0,61	PASS
SGG CLIMAPLUS SAFE 4S 33.1(14 argon)6mm	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	6/14/6	NPD	NPD	1,1	69,62	0,12/0,13	36,16	0,27/0,31	0,40	PASS
SGG CLIMAPLUS N 4(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,35	78,30	0,12/0,12	48,90	0,23/0,19	0,63	PASS
SGG CLIMAPLUS SATINOVO MATE N 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,21	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS SAFE N 8(20 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/20/6	NPD	NPD	1,21	76,50	0,12/0,12	45,80	0,19/0,19	0,59	PASS
SGG CLIMAPLUS N 8(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/4	36(-2;-5)	NPD	1,3	78,05	0,12/0,12	52,26	0,21/0,24	0,61	PASS
SGG CLIMAPLUS COOL-LITE SKN172 6(16 argon)4mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,2	66,58	0,09/0,11	36,80	0,25/0,31	0,40	PASS
SGG CLIMAPLUS SAFE N 6(24 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/24/6	NPD	NPD	1,24	77,50	0,12/0,12	47,30	0,20/0,19	0,61	PASS
SGG CLIMAPLUS N COTSWOLD 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,20	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N F3 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,2	78,76	0,12/0,12	53,69	0,23/0,24	0,63	PASS
SGG CLIMAPLUS SAFE N 33.1(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/14/6	NPD	NPD	1,22	77,30	0,12/0,12	46,60	0,18/0,19	0,58	PASS
SGG CLIMAPLUS N COTSWOLD 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,19	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N 6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,2	78,76	0,12/0,12	53,69	0,23/0,24	0,63	PASS
SGG CLIMAPLUS N 6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/6	NPD	NPD	1,2	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS SAFE N 6(18 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/18/6	NPD	NPD	1,21	77,50	0,12/0,12	47,30	0,20/0,19	0,61	PASS
SGG CLIMAPLUS COOL-LITE SKN172 6(16 argon)6mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,2	65,99	0,09/0,11	36,07	0,25/0,28	0,40	PASS
SGG CLIMAPLUS N 8(12 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/12/8	40(-1;-5)	NPD	1,34	75,70	0,12/0,12	44,40	0,19/0,17	0,59	PASS
SGG CLIMAPLUS SAFE N 8(20 argon)33.1 (See note below)	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/20/6	NPD	NPD	1,21	76,50	0,12/0,12	45,80	0,19/0,19	0,59	PASS
SGG CLIMAPLUS SAFE N 8(20 argon)55.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/20/10	36(-1;-4)	NPD	1,21	74,80	0,12/0,12	43,10	0,18/0,16	0,59	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN154II F2 8(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2*	200K/200K	8/16/6	36(-1;-4)	NPD	1,0	49,57	0,18/0,26	23,58	0,30/0,43	0,27	PASS
SGG CLIMAPLUS N 6(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/6	NPD	NPD	1,22	77,70	0,12/0,12	49,30	0,21/0,21	0,61	PASS
SGG CLIMAPLUS N 4(10argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	29(-1;-4)	NPD	1,5	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N SATINOVO MATE 8(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,19	75,70	0,12/0,12	44,40	0,19/0,17	0,59	PASS
SGG CLIMAPLUS N 8(14argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/14/8	NPD	NPD	1,21	75,70	0,12/0,12	44,40	0,19/0,17	0,59	PASS
SGG CLIMAPLUS SAFE 4S 33.1(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	6/16/6	NPD	NPD	1,1	69,62	0,12/0,13	36,16	0,27/0,31	0,40	PASS
SGG CLIMAPLUS SAFE N 6(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/6	NPD	NPD	1,19	77,50	0,12/0,12	47,30	0,20/0,19	0,61	PASS
SGG CLIMAPLUS SAFE N 8(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/16/6	NPD	NPD	1,19	76,60	0,12/0,12	45,80	0,19/0,19	0,59	PASS
SGG CLIMAPLUS N COTSWOLD 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,21	NPD	NPD	NPD	NPD	NPD	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE SKN154 44.2(14 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/1C2	40K/200K	9/14/6	NPD	NPD	1,1	49,27	0,18/0,22	22,43	0,27/0,38	0,25	PASS
SGG CLIMAPLUS SAFE 4S 8(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/6	NPD	NPD	1,1	69,00	0,12/0,13	35,53	0,27/0,28	0,40	PASS
SGG CLIMAPLUS SECURIT SAFE N 6(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/6	NPD	NPD	1,34	77,50	0,12/0,12	47,30	0,20/0,19	0,61	PASS
SGG CLIMAPLUS N F2 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,20	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT N 6(18 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1B1	200K/40K	6/18/7	NPD	NPD	1,21	77,30	0,12/0,12	46,60	0,20/0,19	0,60	PASS
SGG CLIMAPLUS SAFE 4S 33.1(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/18/4	NPD	NPD	1,1	70,25	0,12/0,13	36,81	0,27/0,34	0,40	PASS
SGG CLIMAPLUS SAFE N F3 4(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,22	78,30	0,12/0,12	48,90	0,23/0,19	0,63	PASS
SGG CLIMAPLUS ACOUSTIC 4S 6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,1	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS N F3 SWS 4(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/24/4	NPD	NPD	1,24	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 6(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/4	35(-2;-6)	NPD	1,24	78,60	0,12/0,12	51,00	0,21/0,23	0,61	PASS
SGG CLIMAPLUS N 8(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/8	NPD	NPD	1,3	76,66	0,12/0,12	49,60	0,21/0,20	0,61	PASS
SGG CLIMAPLUS SAFE N 8(18 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/18/6	NPD	NPD	1,20	76,60	0,12/0,12	45,80	0,19/0,19	0,59	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN154 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,2	49,26	0,18/0,21	22,43	0,34/0,31	0,27	PASS
SGG CLIMAPLUS SAFE N 4(20 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/20/6	NPD	NPD	1,22	78,40	0,12/0,12	48,90	0,23/0,19	0,61	PASS
SGG CLIMAPLUS ACOUSTIC N F3 4(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,2	78,76	0,12/0,12	53,69	0,25/0,22	0,64	PASS
SGG CLIMAPLUS SAFE N F2 4(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,3	78,52	0,12/0,12	51,27	0,24/0,21	0,59	PASS
SGG CLIMAPLUS N SATINOVO MATE 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,21	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N PARSOL GREY 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,20	38,30	0,06/0,10	28,00	0,11/0,22	0,36	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,14	50,40	0,18/0,20	24,10	0,33/0,39	0,27	PASS
SGG CLIMAPLUS N F2 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,21	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N 8(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,19	75,70	0,12/0,12	44,40	0,19/0,17	0,59	PASS
SGG CLIMAPLUS N COTSWOLD 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	1,22	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N 5(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/6	NPD	NPD	1,3	78,40	0,12/0,12	52,97	0,24/0,22	0,63	PASS
SGG CLIMAPLUS SAFE N 33.1(10 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/10/6	NPD	NPD	1,51	77,30	0,12/0,12	46,60	0,18/0,19	0,58	PASS
SGG CLIMAPLUS PROTECT N 4(16 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	1C3/1B1	200K/40K	4/16/7	NPD	NPD	1,20	78,20	0,12/0,12	48,20	0,23/0,18	0,63	PASS
SGG CLIMAPLUS SAFE N 8(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/14/6	NPD	NPD	1,22	76,60	0,12/0,12	45,80	0,19/0,19	0,59	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN172 6(16 argon)33.1mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/6	NPD	NPD	1,2	65,79	0,09/0,11	35,02	0,25/0,25	0,40	PASS
SGG CLIMAPLUS N PARSOL GREY 6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,21	38,30	0,06/0,10	28,00	0,11/0,22	0,36	PASS
SGG CLIMAPLUS N 6(10 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	31(-1;-4)	NPD	1,5	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS N 8(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/14/6	35(-2;-6)	NPD	1,2	77,35	0,12/0,12	50,89	0,21/0,22	0,61	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/4	35(-2;-6)	NPD	1,2	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS SECURIT SAFE ULTRA N 4(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/16/6	NPD	NPD	1,1	78,89	0,12/0,12	51,01	0,27/0,22	0,62	PASS
SGG CLIMAPLUS SAFE 4S 8(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,1	68,38	0,12/0,13	34,92	0,27/0,26	0,40	PASS
SGG CLIMAPLUS N 6(22 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/22/6	NPD	NPD	1,23	77,70	0,12/0,12	49,30	0,21/0,21	0,61	PASS
SGG CLIMAPLUS SAFE 4S 33.1(14 argon)33.1mm	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/14/6	NPD	NPD	1,15	69,00	0,12/0,13	35,60	0,26/0,26	0,40	PASS
SGG CLIMAPLUS N COTSWOLD 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,22	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N 33.1(12 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/8	NPD	NPD	1,34	76,30	0,12/0,12	44,60	0,18/0,16	0,58	PASS
SGG CLIMAPLUS N 3(09 argon)3	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/9/3	NPD	NPD	1,62	80,50	0,12/0,12	54,80	0,24/0,25	0,64	PASS
SGG CLIMAPLUS N SATINOVO MATE 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(-1;-4)	NPD	1,35	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N 4(22 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/22/6	NPD	NPD	1,23	78,40	0,12/0,12	48,90	0,23/0,19	0,63	PASS
SGG CLIMAPLUS N SAHARA 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,19	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N TWIST 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(-1;-4)	NPD	1,35	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE 4S 10(18 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/18/8	NPD	NPD	1,13	67,70	0,12/0,13	34,30	0,26/0,23	0,40	PASS
SGG CLIMAPLUS COOL-LITE SKN154 8(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/24/6	NPD	NPD	1,1	49,56	0,18/0,22	23,68	0,31/0,38	0,27	PASS
SGG CLIMAPLUS N 6(09 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/9/4	NPD	NPD	1,61	78,60	0,12/0,12	51,00	0,21/0,23	0,61	PASS
SGG CLIMAPLUS SAFE N 8(15 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/15/8	NPD	NPD	1,18	75,60	0,12/0,12	44,40	0,19/0,17	0,59	PASS
SGG CLIMAPLUS N 3(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/12/4	NPD	NPD	1,3	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS SAFE N F3 4(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/12/6	NPD	NPD	1,35	78,30	0,12/0,12	48,90	0,23/0,19	0,63	PASS
SGG CLIMAPLUS N 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,5	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,3	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS SAFE N F2 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	40K/200K	4/12/4	29(0;-3)	NPD	1,35	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N BIOCLEAN 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,43	77,30	0,15/0,14	51,70	0,26/0,25	0,62	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN172 F2 44.1(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	8/12/6	NPD	NPD	1,3	65,20	0,09/0,11	34,37	0,21/0,28	0,38	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN172 44.1(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/C2	40K/200K	8/15/6	NPD	NPD	1,1	65,20	0,09/0,11	34,37	0,21/0,28	0,38	PASS
SGG CLIMAPLUS N F3 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N BIOCLEAN 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,19	77,30	0,15/0,14	51,70	0,26/0,25	0,62	PASS
SGG CLIMAPLUS N F3 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	31(-1;-4)	NPD	1,2	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS N BIOCLEAN 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,20	77,30	0,15/0,14	51,70	0,26/0,25	0,62	PASS
SGG CLIMAPLUS N 4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	29(-1;-4)	NPD	1,12	79,50	0,12/0,12	52,90	0,23/0,23	0,63	PASS
SGG CLIMAPLUS N BIOCLEAN 4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	29(-1;-4)	NPD	1,12	77,30	0,15/0,14	51,70	0,26/0,25	0,62	PASS
SGG CLIMAPLUS ULTRA N 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,6	79,85	0,12/0,12	54,69	0,27/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,6	77,41	0,15/0,15	52,57	0,28/0,28	0,60	PASS
SGG CLIMAPLUS ULTRA N 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,4	79,85	0,12/0,12	54,69	0,27/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,4	77,41	0,15/0,15	52,57	0,28/0,28	0,60	PASS
SGG CLIMAPLUS ULTRA N 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,4	79,85	0,12/0,12	54,69	0,27/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,4	77,41	0,15/0,15	52,57	0,28/0,28	0,60	PASS
SGG CLIMAPLUS ULTRA N F3 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,3	79,85	0,12/0,12	54,69	0,27/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,3	77,41	0,15/0,15	52,57	0,28/0,28	0,60	PASS
SGG CLIMAPLUS ULTRA N 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,1	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 4(15 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,1	77,41	0,15/0,15	52,57	0,28/0,28	0,60	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,1	77,41	0,15/0,15	52,57	0,28/0,28	0,60	PASS
SGG CLIMAPLUS ULTRA N 4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	29(-1;-4)	NPD	1,0	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	29(-1;-4)	NPD	1,0	77,41	0,15/0,15	52,57	0,28/0,28	0,60	PASS
SGG CLIMAPLUS COOL-LITE SKN154 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,2	50,01	0,18/0,22	24,05	0,34/0,38	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN154 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	NPD	NPD	1,0	50,01	0,18/0,22	24,05	0,34/0,38	0,27	PASS
SGG CLIMAPLUS SAFE 4S F2 44.1(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	8/12/6	NPD	NPD	1,3	69,00	0,12/0,13	35,53	0,25/0,31	0,39	PASS
SGG CLIMAPLUS SAFE 4S 44.1(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	8/15/6	NPD	NPD	1,1	69,00	0,12/0,13	35,53	0,25/0,31	0,39	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS SILENCE N 44.1Si(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/4	NPD	NPD	1,34	77,50	0,12/0,12	47,30	0,17/0,23	0,57	PASS
SGG CLIMAPLUS SAFE N F3 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/12/4	29(0;-3)	NPD	1,3	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS SECURIT N II 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/18/4	NPD	NPD	1,21	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N ACOUSTIC BIOCLEAN 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,19	76,40	0,15/0,14	49,90	0,24/0,24	0,60	PASS
SGG CLIMAPLUS N ACOUSTIC 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,2	78,76	0,12/0,12	53,69	0,23/0,24	0,63	PASS
SGG CLIMAPLUS SECURIT EKOPLUS S 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/18/4	NPD	NPD	1,46	74,70	0,17/0,16	58,90	0,15/0,14	0,72	PASS
SGG CLIMAPLUS N ACOUSTIC 6(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-2;-5)	NPD	1,14	78,60	0,12/0,12	51,00	0,21/0,23	0,61	PASS
SGG CLIMAPLUS N ACOUSTIC BIOCLEAN 6(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-2;-5)	NPD	1,14	76,40	0,15/0,14	49,90	0,24/0,24	0,60	PASS
SGG CLIMAPLUS SAFE N 8(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	40K/40K	8/16/8	NPD	NPD	1,19	75,70	0,12/0,12	44,40	0,19/0,17	0,59	PASS
SGG CLIMAPLUS SAFE N PARSOL GREY 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/6	31(-1;-4)	NPD	1,19	37,80	0,06/0,10	27,00	0,11/0,20	0,36	PASS
SGG CLIMAPLUS N ACOUSTIC 8(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/4	33(-1;-4)	NPD	1,2	78,05	0,12/0,12	52,26	0,21/0,24	0,61	PASS
SGG CLIMAPLUS N ACOUSTIC BIOCLEAN 8(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/4	33(-1;-4)	NPD	1,19	75,50	0,14/0,14	48,20	0,22/0,24	0,58	PASS
SGG CLIMAPLUS SECURIT EKOPLUS S 6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/14/6	31(-1;-4)	NPD	1,46	72,90	0,17/0,16	54,20	0,14/0,13	0,69	PASS
SGG CLIMAPLUS N ACOUSTIC BIOCLEAN 8(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,19	75,50	0,14/0,14	48,20	0,22/0,24	0,58	PASS
SGG CLIMAPLUS N PROTECT 44.2(15 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/15/4	NPD	NPD	1,19	77,30	0,12/0,12	46,60	0,16/0,23	0,56	PASS
SGG CLIMAPLUS N PROTECT BIOCLEAN 44.2(15 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/15/4	NPD	NPD	1,19	75,10	0,14/0,14	45,70	0,19/0,24	0,55	PASS
SGG CLIMAPLUS N PROTECT 44.2(16 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/16/4	37(-2;-6)	NPD	1,19	77,30	0,12/0,12	46,60	0,16/0,23	0,56	PASS
SGG CLIMAPLUS SAFE N 8(14 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	40K/40K	8/14/8	NPD	NPD	1,21	75,70	0,12/0,12	44,40	0,19/0,17	0,59	PASS
SGG CLIMAPLUS SAFE N 8(15 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	40K/40K	8/15/8	NPD	NPD	1,18	75,60	0,12/0,12	44,40	0,19/0,17	0,59	PASS
SGG CLIMAPLUS SECURIT SAFE N F3 5(14 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	5/14/8	NPD	NPD	1,22	77,00	0,12/0,12	46,60	0,22/0,17	0,62	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN174 F2 6(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	40K/40K	6/14/6	NPD	NPD	1,1	67,80	0,11/0,12	35,96	0,28/0,28	0,41	PASS
SGG CLIMAPLUS N ACOUSTIC BIOCLEAN 10(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/4	35(-2;-5)	NPD	1,18	75,60	0,14/0,14	48,40	0,22/0,24	0,58	PASS
SGG CLIMAPLUS N 10(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/4	NPD	NPD	1,21	77,80	0,12/0,12	49,50	0,19/0,23	0,60	PASS
SGG CLIMAPLUS N 3(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/12/4	NPD	NPD	1,14	80,00	0,12/0,12	53,80	0,24/0,23	0,65	PASS
SGG CLIMAPLUS N ACOUSTIC 10(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/6	37(-1;-2)	NPD	1,21	76,90	0,12/0,12	47,90	0,19/0,21	0,59	PASS
SGG CLIMAPLUS N ACOUSTIC BIOCLEAN 10(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/6	37(-1;-2)	NPD	1,21	74,70	0,14/0,14	46,80	0,22/0,22	0,58	PASS
SGG CLIMAPLUS N PROTECT 44.2(20 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/20/6	NPD	NPD	1,21	76,40	0,12/0,12	45,10	0,16/0,21	0,56	PASS
XXX CLIMAPLUS SAFE N 8(15 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	40K/40K	8/15/8	NPD	NPD	1,18	75,60	0,12/0,12	44,40	0,19/0,17	0,59	PASS
SGG CLIMAPLUS ULTRA N F2 4(10 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/10	36(-1;-4)	NPD	1,4	77,69	0,12/0,12	50,13	0,26/0,20	0,58	PASS
SGG CLIMAPLUS ULTRA N F3 4(10 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/10	36(-1;-4)	NPD	1,4	77,69	0,12/0,12	50,13	0,27/0,20	0,62	PASS
SGG CLIMAPLUS ULTRA N II F2 4(10 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/10	36(-1;-4)	NPD	1,4	77,69	0,12/0,12	50,17	0,26/0,20	0,58	PASS
SGG CLIMAPLUS ULTRA N II F3 4(10 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/10	36(-1;-4)	NPD	1,4	77,69	0,12/0,12	50,17	0,27/0,20	0,62	PASS
XXX CLIMAPLUS ULTRA N F2 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,3	79,85	0,12/0,12	54,69	0,26/0,27	0,58	PASS
XXX CLIMAPLUS ULTRA N F3 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,3	79,85	0,12/0,12	54,69	0,27/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N II F2 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,3	79,85	0,12/0,12	54,78	0,27/0,27	0,58	PASS
SGG CLIMAPLUS ULTRA N II F3 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,3	79,85	0,12/0,12	54,78	0,27/0,27	0,63	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/5	33(-1;-4)	NPD	1,3	79,49	0,12/0,12	53,95	0,26/0,26	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 4(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/5	33(-1;-4)	NPD	1,3	79,49	0,12/0,12	53,95	0,27/0,25	0,62	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 4(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/5	33(-1;-4)	NPD	1,3	79,49	0,12/0,12	54,03	0,27/0,26	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 4(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/5	33(-1;-4)	NPD	1,3	79,49	0,12/0,12	54,03	0,27/0,25	0,62	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	34(-1;-5)	NPD	1,3	79,13	0,12/0,12	53,22	0,26/0,25	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 4(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	33(-1;-3)	NPD	1,3	79,13	0,12/0,12	53,22	0,27/0,24	0,62	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 4(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	33(-1;-3)	NPD	1,3	79,13	0,12/0,12	53,30	0,27/0,25	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 4(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	33(-1;-3)	NPD	1,3	79,13	0,12/0,12	53,30	0,27/0,24	0,62	PASS
SGG CLIMAPLUS ULTRA N F2 4(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/8	36(-2;-5)	NPD	1,3	78,42	0,12/0,12	51,83	0,26/0,23	0,58	PASS
SGG CLIMAPLUS ULTRA N F3 4(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/8	36(-2;-5)	NPD	1,3	78,42	0,12/0,12	51,83	0,27/0,22	0,62	PASS
SGG CLIMAPLUS ULTRA N II F2 4(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/8	36(-2;-5)	NPD	1,3	78,41	0,12/0,12	51,89	0,26/0,23	0,58	PASS
SGG CLIMAPLUS ULTRA N II F3 4(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/8	36(-2;-5)	NPD	1,3	78,41	0,12/0,12	51,89	0,27/0,23	0,62	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 4(15 argon)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/15/7	36(-1;-5)	NPD	1,1	78,66	0,12/0,12	50,23	0,26/0,21	0,58	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 4(15 argon)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/15/7	36(-1;-5)	NPD	1,1	78,66	0,12/0,12	50,23	0,27/0,21	0,62	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 4(15 argon)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/15/7	36(-1;-5)	NPD	1,1	78,65	0,12/0,12	50,31	0,26/0,21	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/16/9	37(-2;-6)	NPD	1,12	77,20	0,11/0,11	47,10	0,24/0,17	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/16/9	37(-2;-6)	NPD	1,1	77,95	0,12/0,12	48,96	0,26/0,19	0,62	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/16/9	37(-2;-6)	NPD	1,12	77,20	0,11/0,11	47,10	0,24/0,17	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	35(-2;-5)	NPD	1,1	79,13	0,12/0,12	53,22	0,26/0,25	0,58	PASS
SGG CLIMAPLUS ULTRA N F3 4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	35(-2;-5)	NPD	1,1	79,13	0,12/0,12	53,22	0,27/0,24	0,62	PASS
SGG CLIMAPLUS ULTRA N II F2 4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	35(-2;-5)	NPD	1,1	79,13	0,12/0,12	53,30	0,27/0,25	0,58	PASS
SGG CLIMAPLUS ULTRA N II F3 4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	35(-2;-5)	NPD	1,1	79,13	0,12/0,12	53,30	0,27/0,24	0,62	PASS
SGG CLIMAPLUS ULTRA N F2 4(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/8	36(-2;-5)	NPD	1,1	78,42	0,12/0,12	51,83	0,26/0,23	0,58	PASS
SGG CLIMAPLUS ULTRA N F3 4(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/8	36(-2;-5)	NPD	1,1	78,42	0,12/0,12	51,83	0,27/0,22	0,62	PASS
SGG CLIMAPLUS ULTRA N II F2 4(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/8	35(-2;-5)	NPD	1,1	78,41	0,12/0,12	51,89	0,26/0,23	0,58	PASS
SGG CLIMAPLUS ULTRA N II F3 4(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/8	35(-2;-5)	NPD	1,1	78,41	0,12/0,12	51,89	0,27/0,23	0,62	PASS
SGG CLIMAPLUS ULTRA N F2 4(6 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/10	36(-1;-3)	NPD	1,99	77,80	0,11/0,11	50,10	0,24/0,20	0,58	PASS
SGG CLIMAPLUS ULTRA N F3 4(6 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/10	36(-1;-3)	NPD	2,0	77,69	0,12/0,12	50,13	0,27/0,20	0,61	PASS
SGG CLIMAPLUS ULTRA N II F2 4(6 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/10	36(-1;-3)	NPD	1,99	77,80	0,11/0,11	50,10	0,24/0,20	0,58	PASS
SGG CLIMAPLUS ULTRA N II F3 4(6 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/10	36(-1;-3)	NPD	2,0	77,69	0,12/0,12	50,17	0,27/0,20	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(6 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/6	34(-1;-3)	NPD	2,01	78,60	0,11/0,12	51,60	0,24/0,22	0,58	PASS
SGG CLIMAPLUS ULTRA N F3 4(6 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/6	34(-1;-3)	NPD	2,0	79,13	0,12/0,12	53,22	0,27/0,24	0,62	PASS
SGG CLIMAPLUS ULTRA N II F2 4(6 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/6	34(-1;-3)	NPD	2,01	78,60	0,11/0,12	51,60	0,24/0,22	0,58	PASS
SGG CLIMAPLUS ULTRA N II F3 4(6 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/6	34(-1;-3)	NPD	2,0	79,13	0,12/0,12	53,30	0,27/0,24	0,62	PASS
SGG CLIMAPLUS PROTECT F2 5(12 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/12/7	35(-1;-4)	NPD	1,74	74,50	0,11/0,11	45,20	0,20/0,17	0,54	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 5(12 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/12/7	35(-1;-4)	NPD	1,3	78,30	0,12/0,12	49,59	0,25/0,21	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 5(12 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/12/7	35(-1;-4)	NPD	1,3	78,30	0,12/0,12	49,59	0,25/0,21	0,61	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 5(12 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/12/7	35(-1;-4)	NPD	1,3	78,30	0,12/0,12	49,67	0,25/0,21	0,57	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 5(12 air)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/12/7	36(-1;-5)	NPD	1,74	74,50	0,11/0,11	45,20	0,20/0,17	0,54	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 6(12 argon)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/12/7	36(-1;-5)	NPD	1,3	78,30	0,12/0,12	49,59	0,25/0,21	0,57	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 6(12 argon)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/12/7	36(-1;-5)	NPD	1,3	78,30	0,12/0,12	49,59	0,25/0,21	0,61	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 6(12 argon)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/12/7	36(-1;-5)	NPD	1,3	78,30	0,12/0,12	49,67	0,25/0,21	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 5(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	33(-1;-4)	NPD	1,3	79,49	0,12/0,12	53,95	0,25/0,27	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 5(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	33(-1;-4)	NPD	1,3	79,49	0,12/0,12	53,95	0,26/0,26	0,62	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 5(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	33(-1;-4)	NPD	1,3	79,49	0,12/0,12	54,03	0,25/0,27	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 5(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	33(-1;-4)	NPD	1,3	79,49	0,12/0,12	54,03	0,26/0,27	0,62	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(10 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/4	33(-1;-4)	NPD	1,1	79,49	0,12/0,12	53,95	0,25/0,27	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(10 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/10	33(-1;-4)	NPD	1,4	76,99	0,12/0,12	48,88	0,24/0,20	0,60	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(10 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/4	33(-1;-4)	NPD	1,1	79,49	0,12/0,12	54,03	0,25/0,27	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(10 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/4	33(-1;-4)	NPD	1,1	79,49	0,12/0,12	54,03	0,26/0,27	0,62	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 5(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/8	35(-1;-4)	NPD	1,1	78,06	0,12/0,12	51,16	0,25/0,23	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 5(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/8	35(-1;-4)	NPD	1,1	78,06	0,12/0,12	51,16	0,25/0,22	0,62	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 5(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/8	35(-1;-4)	NPD	1,1	78,06	0,12/0,12	51,21	0,25/0,23	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 5(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/8	35(-1;-4)	NPD	1,1	78,06	0,12/0,12	51,21	0,26/0,23	0,62	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 5(7 air)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/7/7	36(-1;-4)	NPD	2,34	74,50	0,11/0,11	45,20	0,20/0,17	0,54	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 5(7 argon)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/7/7	36(-1;-4)	NPD	1,82	77,70	0,11/0,11	47,90	0,23/0,18	0,57	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 5(7 argon)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/7/7	36(-1;-4)	NPD	1,82	77,70	0,12/0,11	47,90	0,23/0,19	0,60	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 5(7 argon)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/7/7	36(-1;-4)	NPD	1,82	77,70	0,11/0,11	47,90	0,23/0,18	0,57	PASS
SGG CLIMAPLUS ACOUSTIC F2 6(10 krypton)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/10	35(0;-3)	NPD	1,21	73,80	0,11/0,11	45,20	0,19/0,18	0,53	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(10 krypton)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/10	35(0;-3)	NPD	1,0	76,99	0,12/0,12	48,88	0,24/0,20	0,56	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(10 krypton)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/10	35(0;-3)	NPD	1,0	76,99	0,12/0,12	48,88	0,24/0,20	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(10 krypton)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/10	35(0;-3)	NPD	1,0	76,99	0,12/0,12	48,91	0,24/0,20	0,56	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(10 krypton)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/10	35(0;-3)	NPD	1,4	76,99	0,12/0,12	48,91	0,24/0,20	0,60	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 6(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	39(-1;-5)	NPD	1,3	77,25	0,12/0,12	47,75	0,24/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 6(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	39(-1;-5)	NPD	1,3	77,25	0,12/0,12	47,76	0,24/0,19	0,60	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 6(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	39(-1;-5)	NPD	1,3	77,25	0,12/0,12	47,82	0,24/0,19	0,56	PASS
SGG CLIMAPLUS ULTRA N F2 6(12 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/10	37(-1;-3)	NPD	1,3	76,99	0,12/0,12	48,88	0,24/0,20	0,56	PASS
SGG CLIMAPLUS ULTRA N F3 6(12 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/10	37(-1;-3)	NPD	1,3	76,99	0,12/0,12	48,88	0,24/0,20	0,60	PASS
SGG CLIMAPLUS ULTRA N II F2 6(12 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/10	37(-1;-3)	NPD	1,3	76,99	0,12/0,12	48,91	0,24/0,20	0,56	PASS
SGG CLIMAPLUS ULTRA N II F3 6(12 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/10	37(-1;-3)	NPD	1,3	76,99	0,12/0,12	48,91	0,24/0,20	0,60	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,3	79,13	0,12/0,12	53,22	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,3	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,3	79,13	0,12/0,12	53,30	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,3	79,13	0,12/0,12	53,30	0,25/0,27	0,61	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	6/12/8	38(-1;-4)	NPD	1,3	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 6(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	6/12/8	38(-1;-4)	NPD	1,3	77,48	0,12/0,12	48,49	0,24/0,20	0,60	PASS
SGG CLIMAPLUS SECURIT SILENCE ULTRA N II F2 6(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	1C2/2B2	200K/40K	6/12/8	38(-1;-4)	NPD	1,3	77,48	0,12/0,12	48,56	0,24/0,20	0,56	PASS
XXX CLIMAPLUS PROTECT ULTRA N F2 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,3	77,25	0,12/0,12	47,75	0,24/0,19	0,56	PASS
XXX CLIMAPLUS PROTECT ULTRA N F3 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,3	77,25	0,12/0,12	47,76	0,24/0,19	0,60	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,27	76,30	0,11/0,11	45,60	0,22/0,16	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 6(12 argon)44.4Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/12/10	40(-2;-6)	NPD	1,3	76,79	0,12/0,12	46,71	0,24/0,17	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 6(12 argon)44.4Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/12/10	40(-2;-6)	NPD	1,3	76,79	0,12/0,12	46,71	0,24/0,17	0,60	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 6(12 argon)44.4Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/12/10	40(-2;-6)	NPD	1,3	76,79	0,12/0,12	46,75	0,24/0,17	0,56	PASS
SGG CLIMAPLUS PROTECT F2 6(12 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/13	38(0;-3)	NPD	1,72	71,50	0,11/0,11	40,50	0,19/0,13	0,52	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 6(12 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/13	38(0;-3)	NPD	1,3	75,87	0,12/0,11	45,50	0,24/0,17	0,56	PASS
XXX CLIMAPLUS PROTECT ULTRA N F3 6(12 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/13	38(0;-3)	NPD	1,3	75,87	0,12/0,12	45,50	0,24/0,16	0,60	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 6(12 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/13	38(0;-3)	NPD	1,3	75,87	0,12/0,11	45,54	0,24/0,17	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 6(12 argon)HN113-S Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/12/14	NPD	NPD	1,3	75,42	0,12/0,11	44,53	0,24/0,15	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 6(12 argon)HN133-S Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/12/14	NPD	NPD	1,3	75,42	0,12/0,11	44,55	0,24/0,15	0,56	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/8	34(-1;-3)	NPD	1,3	77,71	0,12/0,12	50,50	0,24/0,23	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/8	34(-1;-3)	NPD	1,3	77,71	0,12/0,12	50,50	0,24/0,22	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/8	34(-1;-3)	NPD	1,3	77,71	0,12/0,12	50,55	0,24/0,23	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/8	34(-1;-3)	NPD	1,3	77,71	0,12/0,12	50,55	0,24/0,23	0,61	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM F2 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,43	75,40	0,11/0,12	48,50	0,19/0,22	0,53	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-2;-5)	NPD	1,1	79,13	0,12/0,12	53,22	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-2;-5)	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-2;-5)	NPD	1,1	79,13	0,12/0,12	53,30	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-2;-5)	NPD	1,06	78,60	0,12/0,11	51,60	0,22/0,24	0,60	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,1	79,13	0,12/0,12	53,22	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ULTRA N F3 ACOUSTIC 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,1	79,13	0,12/0,12	53,30	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,1	79,13	0,12/0,12	53,30	0,25/0,27	0,61	PASS
SGG CLIMAPLUS PROTECT F2 6(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,53	73,20	0,11/0,11	43,10	0,19/0,15	0,53	PASS
SGG CLIMAPLUS PROTECT F2 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,11	76,30	0,11/0,11	45,60	0,22/0,16	0,56	PASS
XXX CLIMAPLUS PROTECT ULTRA N F3 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,1	77,25	0,12/0,12	47,76	0,24/0,19	0,60	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,11	76,30	0,11/0,11	45,60	0,22/0,16	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 6(15 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	39(-2;-6)	NPD	1,53	73,20	0,11/0,11	43,10	0,19/0,15	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 6(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	39(-2;-6)	NPD	1,1	77,25	0,12/0,12	47,75	0,24/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 6(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	39(-2;-6)	NPD	1,1	77,25	0,12/0,12	47,76	0,24/0,19	0,60	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 6(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	39(-2;-6)	NPD	1,1	77,25	0,12/0,12	47,82	0,24/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 6(15 air)55.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	41(-2;-6)	NPD	1,52	72,30	0,11/0,11	41,80	0,19/0,14	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 6(15 argon)55.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	41(-2;-6)	NPD	1,1	76,56	0,12/0,12	46,60	0,24/0,18	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 6(15 argon)55.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	41(-2;-6)	NPD	1,1	76,56	0,12/0,12	46,60	0,24/0,18	0,60	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 6(15 argon)55.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	41(-2;-6)	NPD	1,1	76,55	0,12/0,12	46,65	0,24/0,18	0,56	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/8	34(-1;-3)	NPD	1,1	77,71	0,12/0,12	50,50	0,24/0,23	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/8	34(-1;-3)	NPD	1,1	77,71	0,12/0,12	50,50	0,24/0,22	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/8	34(-1;-3)	NPD	1,1	77,71	0,12/0,12	50,55	0,24/0,23	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/8	34(-1;-3)	NPD	1,1	77,71	0,12/0,12	50,55	0,24/0,23	0,61	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS ACOUSTIC 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,28	75,40	0,11/0,12	48,50	0,19/0,22	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 6(15 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	40(-1;-5)	NPD	1,28	72,80	0,11/0,12	42,20	0,19/0,14	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 6(15 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	40(-1;-5)	NPD	1,1	76,56	0,12/0,12	46,60	0,24/0,18	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 6(15 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	40(-1;-5)	NPD	1,1	76,55	0,12/0,12	46,65	0,24/0,18	0,56	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	6/16/8	40(-2;-6)	NPD	1,1	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 6(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	6/16/8	40(-2;-6)	NPD	1,1	77,48	0,12/0,12	48,49	0,24/0,20	0,60	PASS
SGG CLIMAPLUS SECURIT SILENCE ULTRA N II F2 6(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	1C2/2B2	200K/40K	6/16/8	40(-2;-6)	NPD	1,1	77,48	0,12/0,12	48,56	0,24/0,20	0,56	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(16 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/9	39(-1;-5)	NPD	1,1	77,25	0,12/0,12	47,75	0,24/0,19	0,56	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 6(16 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/9	39(-1;-5)	NPD	1,1	77,25	0,12/0,12	47,76	0,24/0,19	0,60	PASS
SGG CLIMAPLUS SILENCE ULTRA N II F2 6(16 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/9	39(-1;-5)	NPD	1,1	77,25	0,12/0,12	47,82	0,24/0,19	0,56	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	34(-1;-5)	NPD	1,1	79,13	0,12/0,12	53,22	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	34(-1;-5)	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	34(-1;-5)	NPD	1,1	79,13	0,12/0,12	53,30	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	34(-1;-5)	NPD	1,1	79,13	0,12/0,12	53,30	0,25/0,27	0,61	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM F2 6(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	34(-2;-5)	NPD	1,31	75,40	0,11/0,12	48,50	0,19/0,22	0,53	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/4	35(-2;-6)	NPD	1,2	79,13	0,12/0,12	53,22	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/4	35(-2;-6)	NPD	1,2	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/4	35(-2;-6)	NPD	1,2	79,13	0,12/0,12	53,30	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/4	35(-2;-6)	NPD	1,2	79,13	0,12/0,12	53,30	0,25/0,27	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(25 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/25/4	34(-1;-4)	NPD	1,17	78,60	0,11/0,12	51,60	0,22/0,24	0,56	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(25 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/25/4	34(-1;-4)	NPD	1,17	78,60	0,12/0,11	51,60	0,22/0,24	0,60	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(25 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/25/4	34(-1;-4)	NPD	1,17	78,60	0,11/0,12	51,60	0,22/0,24	0,56	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(25 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/25/4	34(-1;-4)	NPD	1,17	78,60	0,12/0,11	51,60	0,22/0,24	0,60	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(7 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/7/4	33(-1;-4)	NPD	1,83	78,60	0,11/0,12	51,60	0,22/0,24	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(7 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/7/4	33(-1;-4)	NPD	1,83	78,60	0,12/0,11	51,60	0,22/0,24	0,60	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(7 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/7/4	33(-1;-4)	NPD	1,83	78,60	0,11/0,12	51,60	0,22/0,24	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(7 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/7/4	33(-1;-4)	NPD	1,83	78,60	0,12/0,11	51,60	0,22/0,24	0,60	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(9 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/9/4	33(-1;-4)	NPD	1,55	78,60	0,11/0,12	51,60	0,22/0,24	0,56	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(9 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/9/4	33(-1;-4)	NPD	1,55	78,60	0,12/0,11	51,60	0,22/0,24	0,60	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(9 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/9/4	33(-1;-4)	NPD	1,55	78,60	0,11/0,12	51,60	0,22/0,24	0,56	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(9 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/9/4	33(-1;-4)	NPD	1,55	78,60	0,12/0,11	51,60	0,22/0,24	0,60	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 8(12 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/10	36(-2;-4)	NPD	1,3	76,30	0,12/0,12	47,69	0,22/0,20	0,55	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 8(12 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/10	36(-2;-4)	NPD	1,3	76,30	0,12/0,12	47,69	0,23/0,20	0,59	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 8(12 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/10	36(-2;-4)	NPD	1,3	76,30	0,12/0,12	47,71	0,22/0,20	0,55	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 8(12 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/10	36(-2;-4)	NPD	1,3	76,30	0,12/0,12	47,71	0,23/0,20	0,59	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 8(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	8/12/8	40(-1;-5)	NPD	1,3	76,78	0,12/0,12	47,31	0,22/0,20	0,55	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 8(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	8/12/8	40(-1;-5)	NPD	1,3	76,78	0,12/0,12	47,31	0,23/0,20	0,59	PASS
SGG CLIMAPLUS SILENCE ULTRA N II F2 8(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	8/12/8	40(-1;-5)	NPD	1,3	76,78	0,12/0,12	47,37	0,22/0,20	0,55	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 8(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/12/9	36(-1;-5)	NPD	1,27	75,40	0,11/0,11	44,20	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 8(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/12/9	36(-1;-5)	NPD	1,3	76,56	0,12/0,12	46,60	0,23/0,19	0,59	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 8(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/12/9	36(-1;-5)	NPD	1,27	75,40	0,11/0,11	44,20	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT PLANITHERM F3 8(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/9	36(-1;-5)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 8(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/9	36(-1;-5)	NPD	1,11	75,40	0,11/0,11	44,20	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 8(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/9	36(-1;-5)	NPD	1,1	76,56	0,12/0,12	46,60	0,23/0,19	0,59	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 8(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/9	36(-1;-5)	NPD	1,11	75,40	0,11/0,11	44,20	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 8(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/9	41(-2;-6)	NPD	1,1	76,56	0,12/0,12	46,60	0,22/0,19	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 8(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/9	41(-2;-6)	NPD	1,1	76,56	0,12/0,12	46,60	0,23/0,19	0,59	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 8(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/9	41(-2;-6)	NPD	1,1	76,55	0,12/0,12	46,65	0,22/0,19	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE PLANITHERM F3 8(15 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/9	41(-2;-6)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 8(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/16/9	37(-2;-5)	NPD	1,12	75,40	0,11/0,11	44,20	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 8(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/16/9	37(-2;-5)	NPD	1,1	76,56	0,12/0,12	46,60	0,23/0,19	0,59	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 8(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/16/9	37(-2;-5)	NPD	1,12	75,40	0,11/0,11	44,20	0,20/0,16	0,54	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 8(20 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/20/5	36(-1;-4)	NPD	1,1	78,06	0,12/0,12	51,16	0,22/0,25	0,55	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 8(20 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/20/5	36(-1;-4)	NPD	1,1	78,06	0,12/0,12	51,16	0,23/0,25	0,59	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 8(20 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/20/5	36(-1;-4)	NPD	1,1	78,06	0,12/0,12	51,21	0,23/0,26	0,55	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 8(20 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/20/5	36(-1;-4)	NPD	1,14	77,20	0,11/0,12	49,00	0,20/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 8(20 air)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/20/13	42(-1;-5)	NPD	1,51	70,70	0,11/0,11	39,40	0,17/0,13	0,51	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 8(20 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/20/13	42(-1;-5)	NPD	1,1	75,19	0,12/0,11	44,44	0,22/0,16	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 8(20 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/20/13	42(-1;-5)	NPD	1,1	75,19	0,12/0,12	44,44	0,22/0,16	0,59	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 8(20 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/20/13	42(-1;-5)	NPD	1,1	75,19	0,12/0,11	44,47	0,22/0,16	0,55	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 8(24 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/24/5	37(-1;-4)	NPD	1,2	78,06	0,12/0,12	51,16	0,22/0,25	0,55	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 8(24 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/24/5	37(-1;-4)	NPD	1,2	78,06	0,12/0,12	51,16	0,23/0,25	0,59	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 8(24 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/24/5	37(-1;-4)	NPD	1,2	78,06	0,12/0,12	51,21	0,23/0,26	0,55	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 8(24 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/24/5	37(-1;-4)	NPD	1,16	77,20	0,11/0,11	49,00	0,20/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 8(6 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/6/9	36(0;-2)	NPD	1,98	75,40	0,11/0,11	44,20	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 8(6 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/6/9	36(0;-2)	NPD	2,0	76,56	0,12/0,12	46,60	0,23/0,19	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 8(6 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/6/9	36(0;-2)	NPD	1,98	75,40	0,11/0,11	44,20	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 10(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/12/9	42(-1;-4)	NPD	1,27	75,50	0,11/0,11	44,40	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 10(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/12/9	42(-1;-4)	NPD	1,3	75,85	0,12/0,12	45,16	0,20/0,19	0,57	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 10(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/9	42(-1;-4)	NPD	1,3	75,85	0,12/0,12	45,20	0,20/0,19	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 10(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/9	40(-1;-4)	NPD	1,27	75,50	0,11/0,11	44,40	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 10(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/9	40(-1;-4)	NPD	1,3	75,85	0,12/0,12	45,16	0,20/0,19	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 10(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/9	40(-1;-4)	NPD	1,3	75,85	0,12/0,12	45,20	0,20/0,19	0,53	PASS
SGG CLIMAPLUS SILENCE F2 10(12 air)64.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	10/12/10	42(-1;-5)	NPD	1,72	71,80	0,11/0,11	41,20	0,17/0,15	0,51	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 10(12 argon)64.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	10/12/10	42(-1;-5)	NPD	1,3	75,40	0,12/0,12	44,78	0,20/0,19	0,53	PASS
SGG CLIMAPLUS SILENCE ULTRA N II F2 10(12 argon)64.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	10/12/10	42(-1;-5)	NPD	1,3	75,39	0,12/0,12	44,82	0,20/0,19	0,53	PASS
SGG CLIMAPLUS PROTECT F2 10(12 air)64.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/11	37(-1;-4)	NPD	1,72	71,60	0,11/0,11	40,70	0,17/0,14	0,51	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS PROTECT ULTRA N F2 10(12 argon)64.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/11	37(-1;-4)	NPD	1,3	75,17	0,12/0,12	44,12	0,20/0,18	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 10(12 argon)64.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/11	37(-1;-4)	NPD	1,3	75,17	0,12/0,12	44,12	0,20/0,18	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 10(12 argon)64.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/11	37(-1;-4)	NPD	1,3	75,17	0,12/0,11	44,15	0,20/0,18	0,53	PASS
SGG CLIMAPLUS PROTECT F2 10(12 air)88.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/17	42(-1;-3)	NPD	1,70	69,20	0,11/0,10	37,30	0,17/0,11	0,51	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 10(12 argon)88.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/17	42(-1;-3)	NPD	1,3	73,18	0,12/0,11	41,26	0,20/0,14	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 10(12 argon)88.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/17	42(-1;-3)	NPD	1,3	73,18	0,11/0,11	41,26	0,20/0,14	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 10(12 argon)88.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/17	42(-1;-3)	NPD	1,3	73,18	0,12/0,11	41,27	0,20/0,14	0,53	PASS
SGG CLIMAPLUS ULTRA N F2 10(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/6	36(-1;-3)	NPD	1,1	76,99	0,12/0,12	48,88	0,20/0,24	0,54	PASS
SGG CLIMAPLUS ULTRA N II F2 10(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/6	36(-1;-3)	NPD	1,1	76,99	0,12/0,12	48,91	0,20/0,24	0,54	PASS
SGG CLIMAPLUS ULTRA N II F3 10(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/6	36(-1;-3)	NPD	1,1	76,99	0,12/0,12	48,91	0,20/0,24	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 10(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/16/9	40(-2;-5)	NPD	1,11	75,50	0,11/0,11	44,40	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 10(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/16/9	40(-2;-5)	NPD	1,1	75,85	0,12/0,12	45,16	0,20/0,19	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 10(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/16/9	40(-2;-5)	NPD	1,11	75,50	0,11/0,11	44,40	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT F2 10(16 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/16/13	41(-1;-4)	NPD	1,48	70,80	0,11/0,11	39,50	0,17/0,13	0,51	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 10(16 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/16/13	41(-1;-4)	NPD	1,1	74,50	0,12/0,11	43,13	0,20/0,16	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 10(16 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/16/13	41(-1;-4)	NPD	1,1	74,50	0,12/0,12	43,13	0,20/0,16	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 10(16 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/16/13	41(-1;-4)	NPD	1,1	74,50	0,12/0,11	43,15	0,20/0,16	0,53	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 10(20 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	10/20/8	45(-1;-5)	NPD	1,1	76,08	0,12/0,12	45,84	0,20/0,20	0,57	PASS
SGG CLIMAPLUS SILENCE ULTRA N II F2 10(20 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	10/20/8	45(-1;-5)	NPD	1,1	76,07	0,12/0,12	45,89	0,20/0,20	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 10(20 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/20/9	44(-1;-4)	NPD	1,52	72,50	0,11/0,11	41,90	0,17/0,15	0,51	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 10(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/20/9	44(-1;-4)	NPD	1,1	75,85	0,12/0,12	45,16	0,20/0,19	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 10(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/20/9	44(-1;-4)	NPD	1,1	75,85	0,12/0,12	45,16	0,20/0,19	0,57	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 10(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/20/9	44(-1;-4)	NPD	1,1	75,85	0,12/0,12	45,20	0,20/0,19	0,53	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 10(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/6	37(-1;-2)	NPD	1,1	76,99	0,12/0,12	48,88	0,20/0,24	0,54	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 10(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/6	37(-1;-2)	NPD	1,1	76,99	0,12/0,12	48,88	0,20/0,24	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 10(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/6	37(-1;-2)	NPD	1,1	76,99	0,12/0,12	48,91	0,20/0,24	0,54	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 10(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/6	37(-1;-2)	NPD	1,1	76,99	0,12/0,12	48,91	0,20/0,24	0,57	PASS
SGG CLIMAPLUS ULTRA N F2 10(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/24/6	38(-2;-3)	NPD	1,2	76,99	0,12/0,12	48,88	0,20/0,24	0,54	PASS
SGG CLIMAPLUS ULTRA N F3 10(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/24/6	38(-2;-3)	NPD	1,2	76,99	0,12/0,12	48,88	0,20/0,24	0,57	PASS
SGG CLIMAPLUS ULTRA N II F2 10(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/24/6	38(-2;-3)	NPD	1,2	76,99	0,12/0,12	48,91	0,20/0,24	0,54	PASS
SGG CLIMAPLUS ULTRA N II F3 10(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/24/6	38(-2;-3)	NPD	1,2	76,99	0,12/0,12	48,91	0,20/0,24	0,57	PASS
SGG CLIMAPLUS PROTECT F2 SILENCE 10(24 air)86.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/24/15	45(-1;-3)	NPD	1,53	70,00	0,11/0,11	38,40	0,17/0,12	0,51	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 10(24 argon)86.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/24/15	45(-1;-3)	NPD	1,1	73,83	0,12/0,11	42,18	0,20/0,15	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 10(24 argon)86.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/24/15	45(-1;-3)	NPD	1,1	73,83	0,12/0,11	42,19	0,20/0,15	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 10(6 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/6/9	38(0;-3)	NPD	1,98	75,50	0,11/0,11	44,40	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 10(6 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/6/9	38(0;-3)	NPD	2,0	75,85	0,12/0,12	45,16	0,20/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 10(6 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/6/9	38(0;-3)	NPD	1,98	75,50	0,11/0,11	44,40	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 12(10 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/10/11	43(-1;-4)	NPD	1,56	70,80	0,11/0,11	39,50	0,16/0,14	0,50	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 12(10 argon)86.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/10/11	43(-1;-4)	NPD	1,41	72,80	0,11/0,11	39,40	0,19/0,13	0,52	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 12(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/10/9	43(-1;-4)	NPD	1,26	74,70	0,11/0,11	43,00	0,18/0,16	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 12(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/10/9	43(-1;-4)	NPD	1,3	74,96	0,11/0,12	43,75	0,18/0,19	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 12(12 argon)44.4Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	12/12/10	43(-1;-5)	NPD	1,26	74,20	0,11/0,11	42,10	0,18/0,15	0,52	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 12(12 argon)44.4Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	12/12/10	43(-1;-5)	NPD	1,3	74,51	0,11/0,12	42,82	0,18/0,17	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 12(15 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/15/9	43(-1;-4)	NPD	1,50	71,60	0,11/0,11	40,70	0,16/0,15	0,50	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 12(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/15/9	43(-1;-4)	NPD	1,10	74,70	0,11/0,11	43,00	0,18/0,16	0,52	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 12(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/15/9	43(-1;-4)	NPD	1,1	74,96	0,11/0,12	43,75	0,18/0,19	0,55	PASS
SGG CLIMAPLUS PROTECT F2 12(16 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/16/13	40(-1;-4)	NPD	1,48	70,00	0,11/0,11	38,40	0,16/0,13	0,50	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 12(16 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/16/13	40(-1;-4)	NPD	1,11	72,90	0,10/0,11	40,50	0,18/0,14	0,52	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 12(16 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/16/13	40(-1;-4)	NPD	1,1	73,63	0,11/0,11	41,83	0,18/0,16	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 12(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/20/9	44(-1;-4)	NPD	1,13	74,70	0,11/0,11	43,00	0,18/0,16	0,52	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 12(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/20/9	44(-1;-4)	NPD	1,1	74,96	0,11/0,12	43,75	0,18/0,19	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 12(20 air)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/20/13	45(-1;-3)	NPD	1,51	70,00	0,11/0,11	38,40	0,16/0,13	0,50	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 12(20 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/20/13	45(-1;-3)	NPD	1,13	72,90	0,10/0,11	40,50	0,18/0,14	0,52	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 12(20 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/20/13	45(-1;-3)	NPD	1,1	73,63	0,11/0,11	41,83	0,18/0,16	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 12(24 air)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/24/9	45(-1;-2)	NPD	1,53	70,00	0,11/0,11	38,40	0,16/0,13	0,50	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 12(24 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/24/13	45(-1;-2)	NPD	1,15	72,90	0,10/0,11	40,50	0,18/0,14	0,52	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 12(24 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/24/13	45(-1;-2)	NPD	1,1	73,63	0,11/0,11	41,83	0,18/0,16	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 33.2(10 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/2B2	40K/40K	7/10/8	40(-2;-5)	NPD	1,4	77,02	0,12/0,12	47,19	0,20/0,20	0,54	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 33.2(10 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/2B2	40K/40K	7/10/8	40(-2;-5)	NPD	1,4	77,02	0,12/0,12	47,19	0,20/0,20	0,57	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 33.2Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/1B1	40K/40K	7/20/9	43(-1;-6)	NPD	1,1	76,79	0,12/0,12	46,71	0,20/0,19	0,54	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 33.2Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/1B1	40K/40K	7/20/9	43(-1;-6)	NPD	1,1	76,79	0,12/0,12	46,71	0,20/0,19	0,57	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 33.2Si(12 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/1B1	40K/40K	7/12/11	42(-2;-6)	NPD	1,42	71,90	0,11/0,11	40,90	0,16/0,14	0,50	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 33.2Si(12 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/1B1	40K/40K	7/12/11	42(-2;-6)	NPD	1,3	76,10	0,12/0,12	45,59	0,20/0,18	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 33.2Si(20 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/1B1	40K/40K	7/20/11	44(-2;-7)	NPD	1,30	71,90	0,11/0,11	40,90	0,16/0,14	0,50	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 33.2Si(20 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/1B1	40K/40K	7/20/11	44(-2;-7)	NPD	1,1	76,10	0,12/0,12	45,59	0,20/0,18	0,53	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1Si(16 argon)55.1Si	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/2B2	40K/40K	8/16/10	45(-2;-7)	NPD	1,1	75,87	0,12/0,12	45,49	0,20/0,19	0,53	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 44.1Si(16 argon)55.1Si	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/2B2	40K/40K	8/16/10	45(-2;-7)	NPD	1,1	75,87	0,12/0,12	45,49	0,20/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 44.1Si(24 argon)86.2Si	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/2B2	40K/40K	8/24/15	50(-2;-7)	NPD	1,31	69,70	0,11/0,11	37,90	0,15/0,12	0,49	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 44.1Si(24 argon)86.2Si	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/2B2	40K/40K	8/24/15	50(-2;-7)	NPD	1,2	74,29	0,12/0,11	42,94	0,20/0,15	0,53	PASS
SGG CLIMAPLUS PROTECT F2 44.2(15 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	36(-2;-5)	NPD	1,52	71,90	0,11/0,11	40,90	0,15/0,15	0,49	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 44.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	36(-2;-5)	NPD	1,1	76,10	0,12/0,12	45,59	0,19/0,19	0,52	PASS
XXX CLIMAPLUS PROTECT ULTRA N F3 44.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	36(-2;-5)	NPD	1,1	76,10	0,12/0,12	45,59	0,19/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 44.2(8 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/2B2	40K/40K	9/8/8	40(-1;-5)	NPD	1,7	76,33	0,12/0,12	46,06	0,19/0,20	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 44.2(8 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/2B2	40K/40K	9/8/8	40(-1;-5)	NPD	1,66	75,20	0,11/0,11	43,70	0,16/0,18	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 44.2Si(15 argon)55.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/11	44(-1;-6)	NPD	1,1	75,42	0,12/0,12	44,52	0,19/0,18	0,52	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 44.2Si(15 argon)55.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/11	44(-1;-6)	NPD	1,1	75,42	0,12/0,12	44,52	0,19/0,18	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 44.2Si(20 argon)55.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/11	46(-2;-7)	NPD	1,1	75,42	0,12/0,12	44,52	0,19/0,18	0,52	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 44.2Si(20 argon)55.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/11	46(-2;-7)	NPD	1,1	75,42	0,12/0,12	44,52	0,19/0,18	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 44.2Si(20 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/13	49(-2;-6)	NPD	1,1	74,74	0,12/0,11	43,50	0,19/0,16	0,52	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 44.2Si(20 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/13	49(-2;-6)	NPD	1,1	74,74	0,12/0,12	43,50	0,19/0,16	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 44.2Si(20 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/11	51(-4;-10)	NPD	1,30	71,10	0,11/0,11	39,70	0,14/0,14	0,49	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 44.2Si(20 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/11	51(-4;-10)	NPD	1,1	75,42	0,12/0,12	44,52	0,19/0,18	0,52	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 44.2Si(24 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/24/11	NPD	NPD	1,2	75,42	0,12/0,12	44,52	0,19/0,18	0,52	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 44.2Si(24 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/24/13	50(-2;-7)	NPD	1,2	74,74	0,12/0,11	43,50	0,19/0,16	0,52	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 44.2Si(24 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/24/13	50(-2;-7)	NPD	1,2	74,74	0,12/0,12	43,50	0,19/0,16	0,55	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 55.1(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/2B2	40K/40K	10/16/8	44(-1;-6)	NPD	1,1	75,87	0,12/0,12	45,49	0,19/0,20	0,52	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 55.1(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/2B2	40K/40K	10/16/8	44(-1;-6)	NPD	1,1	75,87	0,12/0,12	45,49	0,19/0,20	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 64.2(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/1B1	40K/40K	11/20/9	46(-1;-5)	NPD	1,1	75,42	0,12/0,12	44,52	0,18/0,19	0,51	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 64.2Si(20 argon)44.2	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/1B1	40K/40K	11/20/9	46(-1;-5)	NPD	1,1	75,42	0,12/0,12	44,52	0,18/0,19	0,54	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 66.2Si(12 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/12/13	45(-1;-4)	NPD	1,3	73,41	0,11/0,11	41,57	0,16/0,16	0,50	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 66.2Si(12 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/12/13	45(-1;-4)	NPD	1,3	73,41	0,11/0,11	41,57	0,16/0,16	0,53	PASS
SGG CLIMAPLUS PROTECT F2 66.2(12 air)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P2A	1B1/1B1	40K/40K	13/24/15	41(-1;-7)	NPD	1,70	68,20	0,11/0,11	35,90	0,12/0,12	0,46	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 66.2(12 argon)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P2A	1B1/1B1	40K/40K	13/24/15	41(-1;-7)	NPD	1,3	72,98	0,11/0,11	40,83	0,16/0,15	0,50	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 66.2(12 argon)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P2A	1B1/1B1	40K/40K	13/24/15	41(-1;-7)	NPD	1,3	72,98	0,11/0,11	40,83	0,16/0,15	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA F2 66.2(12 argon)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P2A	1B1/1B1	40K/40K	13/24/15	41(-1;-7)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT F3 66.2(15 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	40(-1;-4)	NPD	1,51	70,30	0,11/0,11	38,60	0,13/0,14	0,52	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 66.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	40(-1;-4)	NPD	1,10	73,20	0,10/0,11	40,70	0,14/0,16	0,48	PASS
XXX CLIMAPLUS PROTECT ULTRA N F3 66.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	40(-1;-4)	NPD	1,1	74,74	0,11/0,12	43,50	0,16/0,19	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA F2 66.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	40(-1;-4)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 66.2Si(16 argon)88.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/17	46(-1;-5)	NPD	1,26	67,10	0,11/0,10	34,60	0,12/0,11	0,46	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 66.2Si(16 argon)88.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/17	46(-1;-5)	NPD	1,1	72,11	0,11/0,11	39,80	0,16/0,14	0,50	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 66.2Si(16 argon)88.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/17	46(-1;-5)	NPD	1,10	69,90	0,11/0,10	36,50	0,14/0,12	0,51	PASS
SGG CLIMAPLUS PROTECT F2 66.4(12 air)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P4A	1B1/1B1	40K/40K	14/12/14	42(-1;-5)	NPD	1,70	67,80	0,11/0,11	35,30	0,11/0,12	0,46	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 66.4(12 argon)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P4A	1B1/1B1	40K/40K	14/12/14	42(-1;-5)	NPD	1,3	72,54	0,11/0,11	40,13	0,15/0,15	0,49	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 66.4(12 argon)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P4A	1B1/1B1	40K/40K	14/12/14	42(-1;-5)	NPD	1,3	72,54	0,11/0,11	40,13	0,15/0,15	0,52	PASS
SGG CLIMAPLUS PROTECT F3 66.4(15 air)12	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	14/15/12	39(-1;-5)	NPD	1,50	69,60	0,11/0,11	37,60	0,12/0,16	0,51	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 66.4(15 argon)12	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	14/15/12	39(-1;-5)	NPD	1,06	72,50	0,10/0,11	39,70	0,13/0,18	0,47	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 66.4(15 argon)12	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	14/15/12	39(-1;-5)	NPD	1,1	73,19	0,11/0,11	40,97	0,15/0,18	0,52	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 86.1(24 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/2B2	40K/40K	14/24/8	47(-1;-6)	NPD	1,2	74,52	0,11/0,12	43,43	0,16/0,20	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE PLANITHERM F3 86.2Si(24 air)66.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	15/24/13	50(-1;-4)	NPD	1,52	67,90	0,10/0,11	35,50	0,12/0,12	0,50	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 86.2Si(24 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	15/24/13	50(-1;-4)	NPD	1,1	72,76	0,11/0,11	40,67	0,15/0,16	0,52	PASS
SGG CLIMALIT PROTECT F3 88.4(12 air)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P4A	1B1/1B1	40K/40K	18/12/14	43(-1;-7)	NPD	1,69	66,30	0,10/0,10	33,50	0,10/0,11	0,48	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 88.4(12 argon)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P4A	1B1/1B1	40K/40K	18/12/14	43(-1;-7)	NPD	1,2	71,26	0,11/0,11	38,45	0,13/0,15	0,47	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 88.4(12 argon)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P4A	1B1/1B1	40K/40K	18/12/14	43(-1;-7)	NPD	1,25	69,10	0,10/0,10	35,30	0,11/0,13	0,47	PASS
SGG CLIMAPLUS TOTAL SAFE 33.1(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/8/6	NPD	NPD	2,20	74,60	0,11/0,11	47,00	0,16/0,15	0,60	PASS
SGG CLIMAPLUS N PROTECT 66.2(16 air)44.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	13/16/8	NPD	NPD	1,41	73,60	0,11/0,11	40,80	0,13/0,17	0,52	PASS
SGG CLIMAPLUS N PROTECT 66.2(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	13/16/8	NPD	NPD	1,18	73,60	0,11/0,11	40,80	0,13/0,17	0,52	PASS
SGG CLIMAPLUS S 4(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,6	67,04	0,11/0,11	47,50	0,21/0,20	0,66	PASS
SGG CLIMAPLUS TOTAL DIAMANT 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(-1;-4)	NPD	1,65	80,00	0,12/0,12	57,90	0,22/0,28	0,60	PASS
SGG CLIMAPLUS TOTAL DIAMANT 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(-1;-4)	NPD	1,32	80,00	0,12/0,12	57,90	0,22/0,28	0,60	PASS
SGG CLIMAPLUS TOTAL DIAMANT 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,40	80,00	0,12/0,12	57,90	0,22/0,28	0,60	PASS
SGG CLIMAPLUS TOTAL DIAMANT 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,16	80,00	0,12/0,12	57,90	0,22/0,28	0,60	PASS
SGG CLIMAPLUS TOTAL DIAMANT 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,43	80,00	0,12/0,12	57,90	0,22/0,28	0,60	PASS
SGG CLIMAPLUS TOTAL DIAMANT 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,19	80,00	0,12/0,12	57,90	0,22/0,28	0,60	PASS
SGG CLIMAPLUS TOTAL 1.3 DIAMANT 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,40	80,00	0,12/0,12	57,90	0,22/0,28	0,60	PASS
SGG CLIMAPLUS TOTAL 1.3 DIAMANT 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,16	80,00	0,12/0,12	57,90	0,22/0,28	0,60	PASS
SGG CLIMAPLUS TOTAL 1.3 DIAMANT 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,43	80,00	0,12/0,12	57,90	0,22/0,28	0,60	PASS
SGG CLIMAPLUS TOTAL 1.3 DIAMANT 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,19	80,00	0,12/0,12	57,90	0,22/0,28	0,60	PASS
SGG CLIMAPLUS PROTECT SAFE COOL-LITE SKN174 II 6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	(1C2/1C2)/1B	200K/40K	6/16/9	NPD	NPD	1,1	66,99	0,11/0,12	34,78	0,27/0,23	0,41	PASS
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE SKN174 II F2 8(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/16/9	NPD	NPD	1,1	66,39	0,11/0,12	34,17	0,25/0,23	0,40	PASS
SGG CLIMAPLUS PROTECT SAFE COOL-LITE SKN174 II 8(16 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	(1C2/1C2)/1B	200K/40K	8/16/10	NPD	NPD	1,1	66,00	0,11/0,12	33,58	0,25/0,21	0,40	PASS
SGG CLIMALIT SAFE 44.1(6 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	44.1/6/44.1	NPD	NPD	3,21	76,60	0,14/0,14	54,20	0,11/0,11	0,65	PASS
SGG CLIMALIT SAFE 44.1(6 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	44.1/6/6	NPD	NPD	3,23	77,70	0,14/0,14	57,70	0,11/0,12	0,66	PASS
SGG CLIMALIT SAFE 44.1(6 air)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	44.1/6/5	NPD	NPD	3,24	78,20	0,14/0,14	58,90	0,11/0,12	0,66	PASS
SGG CLIMALIT SAFE 55.1(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	55.1/12/55.1	NPD	NPD	2,8	76,87	0,14/0,14	55,67	0,11/0,11	0,66	PASS
SGG CLIMALIT SAFE 55.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	55.1/12/44.1	NPD	NPD	2,8	77,57	0,14/0,14	57,33	0,11/0,11	0,66	PASS
SGG CLIMALIT SAFE OPALE 55.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	55.1/12/44.1	NPD	NPD	2,78	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT ACOUSTIC ARENA C 6(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/6/4	NPD	NPD	3,27	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 6(14 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/5	NPD	NPD	1,6	66,14	0,11/0,11	45,56	0,19/0,20	0,50	PASS
SGG CLIMALIT SILENCE 5(6 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	5/6/8	39(-2;-4)	NPD	3,24	78,20	0,14/0,14	58,90	0,12/0,11	0,71	PASS
SGG CLIMAPLUS ULTRA N F2 SILENCE 5(6 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	5/6/8	39(-2;-4)	NPD	2,00	77,00	0,11/0,11	47,10	0,23/0,17	0,56	PASS
SGG CLIMAPLUS ULTRA N F3 SILENCE 5(6 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	5/6/8	39(-2;-4)	NPD	2,0	77,83	0,12/0,12	49,10	0,25/0,20	0,60	PASS
SGG CLIMALIT SILENCE 6(6 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/6/8	40(-2;-4)	NPD	3,2	79,23	0,14/0,14	62,42	0,12/0,11	0,72	PASS
SGG CLIMAPLUS ULTRA N F2 SILENCE 6(6 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/6/8	40(-2;-4)	NPD	1,99	76,50	0,11/0,11	46,30	0,22/0,17	0,56	PASS
SGG CLIMAPLUS ULTRA N F3 SILENCE 6(6 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/6/8	40(-2;-4)	NPD	2,0	77,48	0,12/0,12	48,49	0,24/0,20	0,59	PASS
SGG CLIMALIT SILENCE 10(15 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/15/8	44(-2;-6)	NPD	2,6	77,78	0,14/0,14	58,15	0,11/0,11	0,68	PASS
SGG CLIMAPLUS ULTRA N F2 SILENCE 10(15 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/15/8	44(-2;-6)	NPD	1,1	76,08	0,12/0,12	45,84	0,20/0,20	0,53	PASS
SGG CLIMAPLUS ULTRA N F3 SILENCE 10(15 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/15/8	44(-2;-6)	NPD	1,1	76,08	0,12/0,12	45,84	0,20/0,20	0,57	PASS
SGG CLIMALIT SILENCE 33.1(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/8	41(-2;-6)	NPD	2,8	78,99	0,14/0,14	60,88	0,12/0,11	0,70	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 33.1(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/8	41(-2;-6)	NPD	1,3	77,25	0,12/0,12	47,75	0,22/0,20	0,54	PASS
SGG CLIMAPLUS ULTRA N F3 SILENCE 33.1(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/8	41(-2;-6)	NPD	1,3	77,25	0,12/0,12	47,75	0,22/0,20	0,58	PASS
SGG CLIMALIT SILENCE 55.1(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/12/6	42(-2;-6)	NPD	2,8	78,28	0,14/0,14	59,06	0,11/0,12	0,67	PASS
SGG CLIMAPLUS ULTRA N F2 SILENCE 55.1(12 argon)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/12/6	42(-2;-6)	NPD	1,3	76,56	0,12/0,12	46,60	0,19/0,22	0,52	PASS
SGG CLIMAPLUS ULTRA N F3 SILENCE 55.1(12argon)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/12/6	42(-2;-6)	NPD	1,3	76,56	0,12/0,12	46,60	0,19/0,22	0,55	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMALIT SILENCE 55.1(15 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/15/6	45(-2;-6)	NPD	2,6	77,57	0,14/0,14	57,33	0,11/0,11	0,66	PASS
SGG CLIMAPLUS ULTRA N F2 SILENCE 55.1(15 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/15/6	45(-2;-6)	NPD	1,1	75,87	0,12/0,12	45,49	0,19/0,20	0,52	PASS
SGG CLIMAPLUS ULTRA N F3 SILENCE 55.1(15 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/15/6	45(-2;-6)	NPD	1,1	75,87	0,12/0,12	45,49	0,19/0,20	0,55	PASS
SGG CLIMALIT PROTECT SILENCE 66.2(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	46(-2;-6)	NPD	2,5	76,41	0,14/0,14	53,76	0,10/0,11	0,63	PASS
SGG CLIMAPLUS ULTRA N F2 PROTECT SILENCE 66.2(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	46(-2;-6)	NPD	1,1	74,74	0,12/0,12	43,50	0,16/0,19	0,50	PASS
SGG CLIMAPLUS ULTRA N F3 PROTECT SILENCE 66.2(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	46(-2;-6)	NPD	1,1	74,74	0,11/0,12	43,50	0,16/0,19	0,53	PASS
SGG CLIMALIT PROTECT SILENCE 66.1Si(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/1B1	40K/40K	12/15/9	47(-2;-7)	NPD	2,5	76,64	0,14/0,14	54,64	0,11/0,11	0,64	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 66.1Si(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/1B1	40K/40K	12/15/9	47(-2;-7)	NPD	1,1	74,96	0,12/0,12	43,94	0,17/0,19	0,51	PASS
SGG CLIMAPLUS ULTRA N F3 PROTECT SILENCE 66.1Si(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/1B1	40K/40K	12/15/9	47(-2;-7)	NPD	1,1	74,96	0,11/0,12	43,94	0,17/0,19	0,54	PASS
SGG CLIMALIT PROTECT SILENCE 66.1Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/1B1	40K/40K	12/20/9	48(-2;-7)	NPD	2,6	76,64	0,14/0,14	54,64	0,11/0,11	0,64	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 66.1Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/1B1	40K/40K	12/20/9	48(-2;-7)	NPD	1,1	74,96	0,12/0,12	43,94	0,17/0,19	0,51	PASS
SGG CLIMAPLUS ULTRA N F3 PROTECT SILENCE 66.1Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/1B1	40K/40K	12/20/9	48(-2;-7)	NPD	1,1	74,96	0,11/0,12	43,94	0,17/0,19	0,54	PASS
SGG CLIMALIT PROTECT SILENCE 66.2Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/9	49(-2;-7)	NPD	2,6	76,41	0,14/0,14	53,76	0,10/0,11	0,63	PASS
SGG CLIMAPLUS ULTRA N F2 PROTECT SILENCE 66.2Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/9	49(-2;-7)	NPD	1,1	74,74	0,12/0,12	43,50	0,16/0,19	0,50	PASS
XXX CLIMAPLUS ULTRA N F3 PROTECT SILENCE 66.2Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/9	49(-2;-7)	NPD	1,1	74,74	0,11/0,12	43,50	0,16/0,19	0,53	PASS
SGG CLIMALIT PROTECT SILENCE 66.2Si(24 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/24/9	50(-2;-7)	NPD	2,6	76,41	0,14/0,14	53,76	0,10/0,11	0,63	PASS
SGG CLIMAPLUS ULTRA N F2 PROTECT SILENCE 66.2Si(24 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/24/9	50(-2;-7)	NPD	1,2	74,74	0,12/0,12	43,50	0,16/0,19	0,50	PASS
SGG CLIMALIT PROTECT SILENCE 88.2Si(20 argon)55.1Si	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	17/20/10	51(-2;-7)	NPD	2,5	74,60	0,13/0,14	50,25	0,10/0,11	0,60	PASS
SGG CLIMAPLUS ULTRA N F2 PROTECT SILENCE 88.2Si(20 argon)55.1Si	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	17/20/10	51(-2;-7)	NPD	1,1	72,97	0,11/0,11	41,07	0,14/0,19	0,48	PASS
SGG CLIMAPLUS ULTRA N F3 PROTECT SILENCE 88.2Si(20 argon)55.1Si	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	17/20/10	51(-2;-7)	NPD	1,1	72,97	0,11/0,12	41,07	0,14/0,18	0,51	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN174 II F2 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	33(-1;-4)	NPD	1,1	68,00	0,11/0,12	37,32	0,27/0,30	0,41	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN174 II 8(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2//1C2	200K/200K	8/16/6	35(-2;-6)	NPD	1,1	67,39	0,11/0,12	36,62	0,25/0,30	0,40	PASS
SGG CLIMAPLUS ULTRA N F3 4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	29(-1;-4)	NPD	1,4	79,85	0,12/0,12	54,69	0,27/0,26	0,62	PASS
SGG CLIMAPLUS 4S BIOCLEAN PROTECT 4(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/14/9	NPD	NPD	1,15	67,00	0,15/0,14	34,70	0,36/0,22	0,41	PASS
SGG CLIMAPLUS 4S F2 PROTECT SILENCE 10(15 argon)44.4Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	10/15/10	NPD	NPD	1,1	67,15	0,11/0,13	33,21	0,24/0,22	0,39	PASS
SGG CLIMAPLUS 4S PROTECT 66.2(15 argon)44.4	NPD	NPD	NPD	NPD	NPD	P2A/P4A	1B1/1B1	40K/40K	13/15/10	NPD	NPD	1,10	65,00	0,11/0,12	31,40	0,17/0,20	0,37	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/16/6	NPD	NPD	1,1	77,95	0,12/0,12	48,96	0,22/0,22	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 44.4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	4/16/10	NPD	NPD	1,1	77,49	0,12/0,12	47,88	0,17/0,26	0,55	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 44.4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	4/10/10	NPD	NPD	1,4	77,49	0,12/0,12	47,88	0,17/0,26	0,55	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 SWS 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/4	32(-2;-4)	NPD	1,12	78,60	0,12/0,11	51,60	0,22/0,24	0,60	PASS
SGG CLIMAPLUS SECURIT ULTRA N F3 SWS 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C3	200K/200K	6/16/4	32(-2;-4)	NPD	1,12	78,60	0,12/0,11	51,60	0,22/0,24	0,60	PASS
SGG CLIMAPLUS SECURIT ULTRA N F3 SWS 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	1,13	79,50	0,12/0,11	53,50	0,24/0,25	0,63	PASS
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE SKN172 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/15/9	36(-1;-4)	NPD	1,1	65,01	0,09/0,11	33,97	0,25/0,22	0,40	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE ST150 F2 ULTRA N F3 6(16 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	(1C2/1C2*)/1B1	200K/40K	6/16/9	NPD	NPD	1,4	44,34	0,19/0,19	27,17	0,20/0,23	0,36	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE ST150 F2 ULTRA N F3 6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	(1C2/1C2*)/1B1	200K/40K	6/16/9	NPD	NPD	1,1	44,34	0,19/0,19	27,17	0,20/0,23	0,36	PASS
SGG CLIMAPLUS SECURIT COOL-LITE ST150 F2 ULTRA N F3 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/6	NPD	NPD	1,1	45,01	0,19/0,19	29,45	0,20/0,29	0,36	PASS
SGG CLIMAPLUS PROTECT SAFE COOL-LITE SKN174 II 6(14 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A	(1C2/1C2)/1B	200K/40K	6/14/9	NPD	NPD	1,4	66,99	0,11/0,12	34,78	0,27/0,23	0,41	PASS
SGG CLIMALIT PARSOL GREY 4(16 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/5	32(0;-3)	NPD	2,75	49,5	0,08/0,01	20	0,08/0,01	0,20	PASS
SGG CLIMALIT PARSOL GREEN SECURIT 4(10 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/5	32(0;-3)	NPD	2,75	49,6	0,08/0,01	20,2	0,08/0,01	0,2	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S 44.1 (15 air) 88.2	A1/NPD	NPD	NPD	NPD	NPD	NPD	2B2/1B1	40K/40K	9/15/17	NPD	NPD	1,5	61,84	0,11/0,11	35,96	0,15/0,12	0,46	PASS
SGG CLIMAPLUS SAFE PLANITHERM S 44.1(20 air)88.2	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1B1	40K/40K	9/20/17	NPD	NPD	1,5	61,84	0,11/0,11	35,96	0,15/0,12	0,46	PASS
SGG CLIMAPLUS PROTECT ULTRA N 6(14 argon)SP510	NPD	NPD	NPD	NPD	NPD	NPD/P5A	NPD/1B1	40K/40K	6/14/10	NPD	NPD	1,1	76,33	0,12/0,12	45,82	0,24/0,16	0,56	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN174 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,8	67,20	0,11/0,12	35,31	0,28/0,25	0,41	PASS
SGG CLIMAPLUS PROTECT SILENCE COOL-LITE SKN154 F2 6(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	39(-2;-6)	NPD	1,0	49,26	0,18/0,21	22,43	0,34/0,31	0,27	PASS
SGG CLIMAPLUS N ANTELIO CLEAR 5(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/10/4	NPD	NPD	2,92	41,80	0,28/0,34	43,00	0,22/0,26	0,50	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(12air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	31(-1;-4)	NPD	1,8	67,04	0,11/0,11	47,50	0,20/0,21	0,52	PASS
SGG CLIMAPLUS ULTRA N 8(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/6	NPD	NPD	1,12	76,80	0,11/0,11	48,40	0,20/0,22	0,58	PASS
SGG CLIMAPLUS ULTRA N 10(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/6	NPD	NPD	1,12	76,80	0,11/0,11	48,40	0,20/0,22	0,58	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 10(20 argon)44.1SI	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/8	45(-1;-5)	NPD	1,1	76,08	0,12/0,12	45,84	0,20/0,20	0,53	PASS
SGG CLIMAPLUS COOL-LITE KN 169 6(12air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,8	62	0,17/0,11	40	0,23/0,23	0,45	PASS
SGG CLIMAPLUS SECURIT COOL-LITE KN 169 6(12air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K	6/12/4	33(-1;-4)	NPD	1,5	62	0,17/0,11	40	0,23/0,23	0,45	PASS
SGG CLIMAPLUS COOL-LITE KN 169 6(12air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,8	61	0,17/0,11	39	0,23/0,22	0,45	PASS
SGG CLIMAPLUS SAFE COOL-LITE 169 6(12air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/7	NPD	NPD	1,8	60,82	0,17/0,11	38,01	0,23/0,20	0,44	PASS
SGG CLIMAPLUS SAFE COOL-LITE KN 169 6(12air)33.1OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/7	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE COOL-LITE KN169 8(14air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/14/11	NPD	NPD	1,6	59,20	0,16/0,11	35,32	0,22/0,17	0,43	PASS
SGG CLIMAPLUS SAFE COOL-LITE KN 169 4(14air)55.1OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/14/11	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SILENCE COOL-LITE 169 8(14air)55.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/14/11	NPD	NPD	1,6	59,20	0,16/0,11	35,32	0,22/0,17	0,43	PASS
SGG CLIMAPLUS ONE 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,0	71,00	0,22/0,23	44,10	0,39/0,39	0,50	PASS
SGG CLIMAPLUS ONE BIOCLEAN 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,0	69,07	0,24/0,25	42,63	0,38/0,40	0,48	PASS
SGSGG CLIMAPLUS ONE ACOUSTIC F3 10(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/6	36(-1;-3)	NPD	1,0	68,43	0,21/0,23	39,90	0,30/0,35	0,46	PASS
SGG CLIMAPLUS ONE SILENCE 6(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/8	39(-1;-6)	NPD	1,0	68,66	0,22/0,22	39,05	0,35/0,28	0,49	PASS
SGG CLIMAPLUS PROTECT ONE F3 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD	40K/40K	6/15/8	37(-2;-6)	NPD	1,0	68,66	0,22/0,22	39,05	0,35/0,28	0,49	PASS
SGG CLIMAPLUS ONE PROTECT 6(15 argon)44.3	NPD	NPD	NPD	NPD	NPD	NPD/P3A	NPD	40K/40K	6/15/9	37(-2;-6)	NPD	1,04	68	0,22/0,22	43,5	0,36/0,37	0,47	PASS
SGG CLIMAPLUS ONE PROTECT 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD	40K/40K	6/15/9	NPD	NPD	1,0	68,66	0,22/0,22	39,05	0,35/0,28	0,49	PASS
SGG CLIMAPLUS ONE PROTECT 6(15 argon)SP 510	NPD	NPD	NPD	NPD	NPD	NPD/P5A	NPD	40K/40K	6/15/9	NPD	NPD	1,0	68,66	0,22/0,22	39,05	0,35/0,28	0,49	PASS
SGG CLIMAPLUS ONE PROTECT 6(15 argon)SP 615	NPD	NPD	NPD	NPD	NPD	NPD/P6B	NPD	40K/40K	6/15/15	NPD	NPD	1,04	65	0,22/0,22	43,50	0,36/0,37	0,45	PASS
SGG CLIMAPLUS ONE PROTECT 6(15 argon)SP 722	NPD	NPD	NPD	NPD	NPD	NPD/P7B	NPD	40K/40K	6/15/22	NPD	NPD	1,04	64	0,21/0,21	43,50	0,36/0,37	0,45	PASS
SGG CLIMAPLUS ONE PROTECT 6(15 argon)SP 827	NPD	NPD	NPD	NPD	NPD	NPD/P8B	NPD	40K/40K	6/15/27	NPD	NPD	1,04	60	0,21/0,21	43,50	0,36/0,37	0,45	PASS
SGG CLIMAPLUS PROTECT 4S 6(16 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	200K/40K	NPD	NPD	NPD	1,3	68,17	0,12/0,13	34,48	0,30/0,23	0,41	PASS
SGG CLIMAPLUS 4S PROTECT 8(12 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	200K/40K	8/12/12	NPD	NPD	1,6	66,96	0,11/0,12	33,33	0,27/0,21	0,40	PASS
SGG CLIMAPLUS SAFE 4S 6(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,4	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS RELAX 4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	NPD	NPD	1,07	69,50	0,12/0,10	38,80	0,32/0,52	0,42	PASS
SGG CLIMAPLUS RELAX 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	1,13	69,51	0,10/0,13	38,80	0,32/0,32	0,42	PASS
SGG CLIMAPLUS RELAX 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	1,15	69,52	0,12/0,10	38,80	0,32/0,32	0,52	PASS
SGG CLIMAPLUS RELAX 4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	NPD	NPD	1,12	69,50	0,12/0,10	38,80	0,32/0,32	0,52	PASS
SGG CLIMAPLUS RELAX 4(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,05	69,50	0,12/0,10	38,80	0,32/0,32	0,52	PASS
SGG CLIMAPLUS RELAX SILENCE 4(16 argon)44.1 Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,12	67,70	0,12/0,10	35,50	0,32/0,22	0,52	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS SAFE COOL-LITE SKN454 6(16 argon)5 (See note below)	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	33(-1;-4)	NPD	1,12	41,60	0,14/0,20	27,60	0,11/0,39	0,22	PASS
SGG CLIMAPLUS PROTECT SILENCE SKN172 F2 8(16 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	200K/40K	8/16/11	43(-2;-6)	NPD	1,1	65,81	0,11/0,12	33,64	0,26/0,22	0,40	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 6(10 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/6	NPD	NPD	1,4	78,18	0,12/0,12	49,72	0,24/0,22	0,56	PASS
SGG CLIMAPLUS ULTRA N SAFE 33.1 COLOR GREEN(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/6	NPD	NPD	1,61	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N PARSOL GREY 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	31(-1;-4)	NPD	1,35	49,20	0,07/0,10	35,40	0,14/0,22	0,45	PASS
SGG CLIMAPLUS COOL-LITE SKN174 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD	40K/40K	6/12/6	NPD	NPD	1,3	68,01	0,11/0,12	37,36	0,28/0,31	0,41	PASS
SGG CLIMAPLUS ULTRA N SAFE 6(10 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/6	NPD	NPD	1,4	78,18	0,12/0,12	49,72	0,24/0,22	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ONE F3 66.2Si(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	NPD	NPD	1,0	66,41	0,21/0,22	35,92	0,24/0,28	0,44	PASS
SGG CLIMAPLUS ONE SAFE 6(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD/2B2	NPD	40K/40K	6/16/6	NPD	NPD	1,0	69,50	0,22/0,23	40,48	0,36/0,32	0,49	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 4(24 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/24/6	NPD	NPD	1,2	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS SAFE 4S 8(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/12/6	NPD	NPD	1,6	69,00	0,12/0,13	35,53	0,27/0,28	0,41	PASS
SGG CLIMAPLUS SAFE 4S 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,6	69,62	0,12/0,13	36,16	0,30/0,28	0,41	PASS
SGG CLIMAPLUS 4S PROTECT 44.2(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/16/9	NPD	NPD	1,12	67,10	0,12/0,13	33,60	0,23/0,21	0,39	PASS
SGG CLIMAPLUS 4S PROTECT 66.2(10 argon)55.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/10/11	NPD	NPD	1,10	64,60	0,11/0,12	31,10	0,17/0,19	0,38	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,6	78,18	0,12/0,12	49,72	0,24/0,22	0,56	PASS
SGG CLIMAPLUS COOL-LITE SKN165 SWS8(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/8	NPD	NPD	1,1	58,94	0,16/0,17	28,79	0,29/0,33	0,32	PASS
SGG CLIMAPLUS SILENCE COOL-LITE SKN165 SWS 10(14 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/14/8	NPD	NPD	1,1	58,23	0,16/0,17	27,16	0,26/0,30	0,32	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 SWS 8(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/16/9	37(-2;-5)	NPD	1,1	58,59	0,16/0,17	27,29	0,29/0,28	0,32	PASS
SGG CLIMAPLUS SILENCE ANTELIO SILVER F2 ONE F3 SWS 6(16 argon)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/6	NPD	NPD	1,04	53,4	0,37/0,36	31,4	0,40/0,037	0,38	PASS
SGG CLIMAPLUS COOL-LITE SKN165 8(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,1	58,76	0,16/0,17	27,63	0,29/0,30	0,32	PASS
SGG CLIMAPLUS ACOUSTIC ONE F3 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	NPD	NPD	1,0	70,35	0,22/0,23	43,04	0,36/0,39	0,49	PASS
SGG CLIMAPLUS ONE 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	33(-1;-4)	NPD	1,0	69,71	0,22/0,23	42,02	0,36/0,36	0,49	PASS
SGG CLIMAPLUS PROTECT ONE F2 6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/9	37(-1;-4)	NPD	1,0	68,66	0,23/0,21	39,05	0,35/0,28	0,45	PASS
SGG CLIMAPLUS COOL-LITE STB 136 6(12air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	2,7	32,19	0,18/0,21	23,82	0,16/0,22	0,33	PASS
SGG CLIMAPLUS N COOL-LITE STB136 6(12air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,66	32	0,17/0,18	19	0,17/0,22	0,28	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,4	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,5	79,13	0,12/0,12	53,22	0,24/0,27	0,57	PASS
SGG CLIMAPLUS SECURIT ACOUSTIC COOL-LITE ST167 F2 6(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/8/4	33(-1;-4)	NPD	3,10	60,00	0,22/0,23	52,00	0,17/0,19	0,59	PASS
SGG CLIMAPLUS PLANITHERM S ARENA C 4(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE 4S 6(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/6	NPD	NPD	1,61	69,10	0,12/0,13	35,90	0,29/0,26	0,42	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM S 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,8	66,44	0,11/0,11	46,19	0,19/0,21	0,51	PASS
SGG CLIMAPLUS SAFE PLANITHERM S 6(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/6	NPD	NPD	2,2	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS
SGG CLIMAPLUS 4S SAFE 6(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/8	NPD	NPD	2,1	68,2	0,12/0,13	35,10	0,29/0,23	0,42	PASS
SGG CLIMAPLUS N SILENCE 55.1Si(20 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/20/12	44(-1;-6)	NPD	1,4	74,70	0,12/0,12	42,40	0,15/0,17	0,54	PASS
SGG CLIMAPLUS PLANITHERM S 4(6air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/4	NPD	NPD	2,6	67	0,11/0,11	47	0,20/0,21	0,53	PASS
SGG CLIMAPLUS SAFE 4S 66.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/8	NPD	NPD	1,6	66,0	0,11/0,13	32,10	0,18/0,23	0,39	PASS
SGG CLIMAPLUS SAFE N 33.1(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/10/8	NPD	NPD	1,90	76,10	0,12/0,12	44,70	0,18/0,17	0,58	PASS
SGG CLIMAPLUS 4S 4(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	NPD	NPD	2,1	71,10	0,12/0,13	39,14	0,33/0,34	0,43	PASS
SGG CLIMAPLUS 4S 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	1,8	71,10	0,12/0,13	39,14	0,33/0,34	0,42	PASS
SGG CLIMAPLUS 4S 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	31(-1;-4)	NPD	1,6	71,10	0,12/0,13	39,14	0,33/0,34	0,42	PASS
SGG CLIMAPLUS 4S 6(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	NPD	NPD	2,1	69,83	0,12/0,13	37,66	0,30/0,31	0,42	PASS
SGG CLIMAPLUS 4S 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	NPD	NPD	1,8	69,83	0,12/0,13	37,66	0,30/0,31	0,42	PASS
SGG CLIMAPLUS 4S 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,6	69,83	0,12/0,13	37,66	0,30/0,31	0,41	PASS
SGG CLIMAPLUS 4S 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	NPD	NPD	1,4	69,83	0,12/0,13	37,66	0,30/0,31	0,41	PASS
SGG CLIMAPLUS SAFE 4S F2 4(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/8	NPD	NPD	2,1	69,00	0,12/0,13	36,10	0,32/0,23	0,42	PASS
SGG CLIMAPLUS SAFE 4S 4(8 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/12	NPD	NPD	2,1	68,00	0,12/0,12	34,10	0,32/0,19	0,42	PASS
SGG CLIMAPLUS SAFE 4S 44.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/8/4	NPD	NPD	2,1	69	0,12/0,13	36,10	0,23/0,32	0,41	PASS
SGG CLIMAPLUS SAFE 4S 66.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/8/4	NPD	NPD	2,1	68	0,11/0,13	34,10	0,19/0,32	0,40	PASS
SGG CLIMAPLUS PLANITHERM S 4(8air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	NPD	NPD	2,2	67,04	0,11/0,11	47,50	0,20/0,21	0,52	PASS
SGG CLIMAPLUS PLANITHERM S 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	2,0	67,04	0,11/0,11	47,50	0,20/0,21	0,52	PASS
SGG CLIMAPLUS PLANITHERM S 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	1,5	67,04	0,11/0,11	47,50	0,20/0,21	0,52	PASS
SGG CLIMAPLUS PLANITHERM S F2 6(8air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	NPD	NPD	2,2	65,85	0,11/0,11	44,94	0,19/0,20	0,51	PASS
SGG CLIMAPLUS PLANITHERM S 6(10air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	NPD	NPD	1,9	65,85	0,11/0,11	44,94	0,19/0,20	0,51	PASS
SGG CLIMAPLUS PLANITHERM S 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	33(-1;-4)	NPD	1,5	65,85	0,11/0,11	44,94	0,19/0,20	0,50	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/8	NPD	NPD	2,2	65,65	0,11/0,11	42,83	0,20/0,16	0,51	PASS
SGG CLIMAPLUS SAFE PLANITHERM S 4(8 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/12	NPD	NPD	2,2	64,48	0,11/0,11	40,71	0,20/0,14	0,51	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/8/4	NPD	NPD	2,2	65	0,11/0,11	42	0,15/0,20	0,48	PASS
SGG CLIMAPLUS PLANITHERM S 66.1(8air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/8/4	NPD	NPD	2,2	64	0,11/0,11	39	0,13/0,20	0,45	PASS
SGG CLIMAPLUS N F2 4(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	NPD	NPD	2,13	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N F2 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,4	80,1	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N F2 6(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	NPD	NPD	2,1	78,10	0,12/0,12	49,10	0,21/0,21	0,56	PASS
SGG CLIMAPLUS N F2 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	NPD	NPD	1,9	78,1	0,12/0,12	49,10	0,21/0,21	0,56	PASS
SGG CLIMAPLUS N F2 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,4	78,1	0,12/0,12	49,10	0,21/0,21	0,56	PASS
SGG CLIMAPLUS N F2 SAFE 4(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/8	NPD	NPD	2,1	77,1	0,12/0,12	47,1	0,23/0,17	0,57	PASS
SGG CLIMAPLUS N F2 SAFE 4(8 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/12	NPD	NPD	2,1	76	0,12/0,11	44,1	0,23/0,14	0,56	PASS
SGG CLIMAPLUS N F2 SAFE 44.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/8/4	NPD	NPD	2,1	77	0,12/0,12	47	0,17/0,23	0,53	PASS
SGG CLIMAPLUS N F2 SAFE 66.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/8/4	NPD	NPD	2,1	76	0,11/0,12	44	0,14/0,23	0,50	PASS
SGG CLIMAPLUS N 4(08 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	NPD	NPD	2,1	79,48	0,12/0,12	55,20	0,25/0,24	0,63	PASS
SGG CLIMAPLUS N 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	1,9	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N 6(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	NPD	NPD	2,1	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS N 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	NPD	NPD	1,9	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS N 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,7	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS N F3 SAFE 4(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/8	NPD	NPD	2,1	78,18	0,12/0,12	49,72	0,27/0,20	0,61	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 4(8 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/12	NPD	NPD	2,0	76,78	0,12/0,12	47,32	0,26/0,17	0,60	PASS
SGG CLIMAPLUS N F3 SAFE 44.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/8/4	NPD	NPD	2,1	77,1	0,12/0,12	47,1	0,17/0,23	0,57	PASS
SGG CLIMAPLUS N F3 SAFE 66.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/8/4	NPD	NPD	2,1	76,1	0,11/0,12	44,1	0,14/0,23	0,54	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	2,0	77,39	0,12/0,12	55,29	0,20/0,23	0,60	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS TOTAL 1.3 F2 4(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	29(-1;-4)	NPD	2,2	77,39	0,12/0,12	55,29	0,20/0,23	0,60	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 6(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	31(-1;-4)	NPD	2,2	76,00	0,12/0,12	52,28	0,19/0,21	0,58	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	31(-1;-4)	NPD	1,9	76,00	0,12/0,12	52,28	0,19/0,21	0,58	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,8	76,00	0,12/0,12	52,28	0,19/0,21	0,58	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,5	76,00	0,12/0,12	52,28	0,19/0,21	0,58	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 SAFE 4(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/8	NPD	NPD	2,20	75,00	0,12/0,11	48,10	0,19/0,15	0,58	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 SAFE 4(8 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/12	NPD	NPD	2,20	73,00	0,11/0,11	45,10	0,19/0,13	0,57	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 SAFE 44.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/8/4	NPD	NPD	2,20	75,00	0,11/0,11	48,10	0,14/0,20	0,54	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 SAFE 66.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/8/4	NPD	NPD	2,18	73,00	0,11/0,11	44,7	0,12/0,20	0,51	PASS
SGG CLIMAPLUS TOTAL 1.3 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	29(-1;-4)	NPD	2,0	77,39	0,12/0,12	55,29	0,23/0,20	0,65	PASS
SGG CLIMAPLUS TOTAL 1.3 6(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	31(-1;-4)	NPD	2,2	76,00	0,12/0,12	52,28	0,21/0,19	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	31(-1;-4)	NPD	1,9	76,00	0,12/0,12	52,28	0,21/0,19	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 4(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/8	NPD	NPD	2,20	75,00	0,11/0,11	48,10	0,20/0,14	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 4(8 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/12	NPD	NPD	2,20	73,00	0,11/0,11	45,10	0,20/0,12	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 44.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/8/4	NPD	NPD	2,20	75,10	0,11/0,12	48,10	0,15/0,19	0,58	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 66.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/8/4	NPD	NPD	2,20	73,00	0,11/0,11	45,10	0,13/0,19	0,55	PASS
SGG CLIMAPLUS ULTRA N F2 4(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	NPD	NPD	2,1	79,85	0,12/0,12	54,69	0,26/0,27	0,58	PASS
SGG CLIMAPLUS ULTRA N F2 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	1,8	79,85	0,12/0,12	54,69	0,26/0,27	0,58	PASS
SGG CLIMAPLUS ULTRA N F2 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-4)	NPD	1,4	79,85	0,12/0,12	54,69	0,26/0,27	0,58	PASS
SGG CLIMAPLUS ULTRA N F2 6(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	NPD	NPD	2,1	78,42	0,12/0,12	51,83	0,24/0,25	0,57	PASS
SGG CLIMAPLUS ULTRA N F2 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	NPD	NPD	1,8	78,42	0,12/0,12	51,83	0,24/0,25	0,57	PASS
SGG CLIMAPLUS ULTRA N F2 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,6	78,42	0,12/0,12	51,83	0,24/0,25	0,57	PASS
SGG CLIMAPLUS ULTRA N F2 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,4	78,42	0,12/0,12	51,83	0,24/0,25	0,57	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 8(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/8	NPD	NPD	2,0	76,78	0,12/0,12	47,31	0,22/0,20	0,55	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(8 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/12	NPD	NPD	2,0	76,78	0,12/0,12	47,31	0,26/0,18	0,57	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 44.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/8/4	NPD	NPD	2,1	78,18	0,12/0,12	49,72	0,20/0,27	0,54	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/8/4	NPD	NPD	2,0	76,78	0,12/0,12	47,32	0,17/0,26	0,52	PASS
SGG CLIMAPLUS PLANITHERM S SATINOVO MATE 6(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	NPD	NPD	2,2	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT SILENCE SECURIT COOL-LITE SKN174 II 8(20 air)55.2 Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2//1B1	200K/40K	8/20/11	NPD	NPD	1,4	65,80	0,11/0,12	33,59	0,25/0,22	0,40	PASS
SGG CLIMAPLUS PLANITHERM S 4(8 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/5	NPD	NPD	2,2	66,74	0,11/0,11	46,83	0,20/0,20	0,52	PASS
SGG CLIMAPLUS PLANITHERM S 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,8	65,85	0,11/0,11	44,94	0,19/0,20	0,50	PASS
SGG CLIMAPLUS PROTECT 4S 10(12 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/11	NPD	NPD	1,6	66,95	0,11/0,13	33,22	0,24/0,22	0,40	PASS
SGG CLIMAPLUS PROTECT 4S 6(12 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/11	NPD	NPD	1,6	68,17	0,12/0,13	34,48	0,30/0,23	0,41	PASS
SGG CLIMAPLUS PROTECT 4S 6(10 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/10/13	NPD	NPD	1,8	67,56	0,12/0,12	33,90	0,30/0,21	0,41	PASS
SGG CLIMAPLUS PLANITHERM S F2 SILENCE 4(10 air)44.1 Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/8	NPD	NPD	1,9	65,65	0,11/0,11	42,83	0,20/0,16	0,51	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT155 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,9	46	0,17/0,10	28	0,19/0,15	0,37	PASS
SGG CLIMAPLUS PLANITHERM S 4(10 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	2,0	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM S F2 6(10 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/4	NPD	NPD	2,0	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE SILENCE 55.1Si(16 argon)44.1 Ultra N F3	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/16/8	NPD	NPD	1,1	75,87	0,12/0,12	45,49	0,19/0,20	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE 55.1Si(16 argon)44.2 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/16/9	NPD	NPD	2,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT SAFE PLANITHERM S 44.1(14 air) 10 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C1	40K/200K	8/14/10	NPD	NPD	1,61	66	0,11/0,11	43	0,15/0,23	0,47	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,6	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS
SGG CLIMAPLUS PLANITHERM S 6(10air)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/10	NPD	NPD	1,9	64,66	0,11/0,11	42,33	0,18/0,17	0,50	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM S F2 6(16air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	NPD	NPD	1,5	66,44	0,11/0,11	46,19	0,19/0,21	0,50	PASS
SGG CLIMAPLUS PLANITHERM S 4(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/5	33(-1;-4)	NPD	1,8	66,74	0,11/0,11	46,83	0,20/0,20	0,52	PASS
SGG CLIMAPLUS COOL-LITE KNT140 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,8	37,00	0,23/0,12	23,17	0,24/0,24	0,28	PASS
SGG CLIMAPLUS COOL-LITE KNT155 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,9	47,00	0,17/0,10	31,66	0,19/0,20	0,37	PASS
SGG CLIMAPLUS COOL-LITE KNT164 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,9	57,01	0,14/0,10	40,19	0,16/0,17	0,46	PASS
SGG CLIMAPLUS COOL-LITE KBT140 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,8	36,00	0,24/0,17	24,04	0,22/0,26	0,30	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(10 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/5	NPD	NPD	1,8	79,49	0,12/0,12	53,95	0,26/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N ANTELIO BRONZE F2 5(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/10/4	NPD	NPD	1,8	24	0,13/0,30	19	0,16/0,35	0,27	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/8	NPD	NPD	1,1	76,56	0,12/0,12	46,60	0,20/0,20	0,53	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	34(-1;-5)	NPD	1,6	79,13	0,12/0,12	53,22	0,26/0,25	0,58	PASS
SGG CLIMAPLUS PLANITHERM S 4(8 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	29(-1;-4)	NPD	2,21	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM S 4(8 air)4 THELA	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	29(-1;-4)	NPD	2,21	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM S 4(8 air)4 MARIS	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	29(-1;-4)	NPD	2,21	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM S 4(8 air)4 NEMO	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	29(-1;-4)	NPD	2,21	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM S 4(8 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	29(-1;-4)	NPD	2,2	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALPLUS PLANITHERM S 6(8 air)6 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/4	31(-1;-4)	NPD	2,20	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALPLUS PLANITHERM S 6(8 air)6 THELA	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	31(-1;-4)	NPD	2,20	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALPLUS PLANITHERM S 6(8 air)6 MARIS	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	31(-1;-4)	NPD	2,20	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALPLUS PLANITHERM S 6(8 air)6 NEMO	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	31(-1;-4)	NPD	2,20	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM S 4(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/6	NPD	NPD	2,2	66,24	0,11/0,11	43,97	0,20/0,18	0,51	PASS
SGG CLIMAPLUS SAFE PLANITHERM S 4(8 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/10	NPD	NPD	2,2	65,06	0,11/0,11	41,75	0,20/0,15	0,51	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S 6(8 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1B1	40K/40K	6/8/7	NPD	NPD	2,2	65,45	0,11/0,11	42,10	0,18/0,17	0,50	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S F2 6(8 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1B1	40K/40K	6/8/9	NPD	NPD	2,2	64,87	0,11/0,11	41,04	0,18/0,15	0,50	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S 6(8 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1B1	40K/40K	6/8/11	NPD	NPD	2,2	64,29	0,11/0,11	40,03	0,18/0,14	0,50	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S 6(8 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1B1	40K/40K	6/8/13	NPD	NPD	2,2	63,71	0,11/0,11	39,07	0,18/0,14	0,49	PASS
SGG CLIMAPLUS PLANITHERM S F2 SILENCE 6(12 air)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/12	NPD	NPD	1,7	63,90	0,11/0,11	39,72	0,18/0,14	0,49	PASS
SGG CLIMAPLUS PLANITHERM S F2 6(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/4	NPD	NPD	2,0	66,44	0,11/0,11	46,19	0,19/0,21	0,51	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 4(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,6	66,24	0,11/0,11	43,97	0,20/0,18	0,51	PASS
SGG CLIMAPLUS N F2 SAFE 44.1(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/10	NPD	NPD	1,6	75	0,12/0,11	42,4	0,17/0,15	0,52	PASS
SGG CLIMAPLUS SAFE 4S 5(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	5/8/6	NPD	NPD	2,1	70	0,12/0,13	36	0,30/0,25	0,42	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S F2 66.2(24 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/24/9	NPD	NPD	1,6	62,77	0,11/0,11	37,25	0,13/0,15	0,44	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S F2 66.2(24 air)44.2 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/24/9	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N PROTECT 6(15 argon)SP615B	NPD	NPD	NPD	NPD	NPD	NPD/P6B	NPD/1B1	40K/40K	6/15/15	NPD	NPD	1,1	73,00	0,11/0,11	41	0,21/0,11	0,55	PASS
SGG CLIMAPLUS PLANITHERM S F2 SAFE SILENCE 6(14 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,6	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS

CE

Leistungserklärung
Nr.: LE40000000

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EN 1279-5:2006+A2:2010

Isolierglas zur Verwendung in Gebäuden und Bauwerken

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS SAFE ULTRA N F2 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,8	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 4(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/15/6	NPD	NPD	1,6	66,24	0,11/0,11	43,97	0,20/0,18	0,51	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,8	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS
SGG CLIMAPLUS SAFE 4S 6(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/15/6	NPD	NPD	1,4	69,62	0,12/0,13	36,16	0,30/0,28	0,41	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,8	66,14	0,11/0,11	45,56	0,19/0,20	0,51	PASS
SGG CLIMAPLUS N F2 ACOUSTIC 6(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/5	NPD	NPD	1,5	78	0,12/0,12	50	0,21/0,22	0,56	PASS
SGG CLIMAPLUS N F3 ACOUSTIC 5(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/6	NPD	NPD	1,4	78,40	0,12/0,12	52,97	0,24/0,22	0,63	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE KNT164 F2 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/8	NPD	NPD	1,9	56,33	0,14/0,10	37,29	0,16/0,14	0,46	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(12 air)44.1OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,8	64,29	0,11/0,11	40,03	0,15/0,16	0,47	PASS
SGG CLIMAPLUS PLANITHERM S 6(12 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	NPD	NPD	1,78	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(14 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/8	37(-1;-5)	NPD	1,4	77,71	0,12/0,12	50,50	0,24/0,23	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 SATINOVO MATE 6(14 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/8	37(-1;-5)	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/6	NPD	NPD	1,9	64,87	0,11/0,11	41,04	0,15/0,17	0,47	PASS
SGG CLIMAPLUS ACOUSTIC N F2 4(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	34(-1;-5)	NPD	1,7	79	0,12/0,12	52	0,23/0,22	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,6	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 165 10(15 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/15/11	NPD	NPD	1,1	57,54	0,16/0,16	26,43	0,26/0,26	0,32	PASS
SGG CLIMAPLUS SECURIT HST PROTECT COOL-LITE SKN165 II 10(20 air)1010.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C1/1B1	200K/40K	10/20/21	NPD	NPD	1,3	55,02	0,15/0,15	24,49	0,24/0,17	0,32	PASS
SGG CLIMAPLUS PLANITHERM S 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,6	67,04	0,11/0,11	47,50	0,20/0,21	0,52	PASS
SGG CLIMAPLUS PLANITHERM S 4(15 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,6	66,44	0,11/0,11	46,19	0,19/0,21	0,51	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/10/6	NPD	NPD	1,9	65,06	0,11/0,11	41,75	0,16/0,19	0,48	PASS
SGG CLIMAPLUS PLANITHERM S F2 F3 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	NPD	NPD	1,8	54,17	0,09/0,09	33,08	0,19/0,19	0,47	PASS
SGG CLIMAPLUS PLANITHERM S F2 SILENCE 6(16 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	40(-2;-6)	NPD	1,5	65,06	0,11/0,11	41,75	0,18/0,16	0,50	PASS
SGG CLIMAPLUS PLANITHERM S F3 BIOCLEAN ACOUSTIC 6(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/4	NPD	NPD	2,0	64,39	0,14/0,13	44,29	0,21/0,21	0,61	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE KNT155 8(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/16/12	NPD	NPD	1,6	45,22	0,17/0,10	27,33	0,18/0,15	0,36	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE KNT155 8(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/12/10	NPD	NPD	1,9	45,63	0,17/0,10	27,99	0,18/0,16	0,36	PASS
SGG CLIMAPLUS PLANITHERM S ACOUSTIC 4(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	34(-1;-5)	NPD	1,8	66,44	0,11/0,11	46,19	0,20/0,20	0,52	PASS
SGG CLIMAPLUS 4S 4(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	1,5	71,10	0,12/0,13	39,14	0,33/0,34	0,42	PASS
SGG CLIMAPLUS PLANITHERM S 4(15 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/6	NPD	NPD	1,9	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS
SGG CLIMAPLUS SAFE SILENCE COOL-LITE ST120 F2 PLANITHERM S F3 66.1Si(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/12/6	NPD	NPD	1,7	14,44	0,31/0,21	8,70	0,22/0,25	0,16	PASS
SGG CLIMAPLUS SAFE 4S 66.1(14 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/14/12	NPD	NPD	1,4	64	0,11/0,12	31	0,18/0,18	0,38	PASS
SGG CLIMAPLUS 4S F2 4(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,5	70,46	0,12/0,13	38,39	0,33/0,31	0,42	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN154 II F2 10(16 air)12	NPD	NPD	NPD	NPD	NPD	NPD	1C1/NPD	200K/40K	10/16/12	NPD	NPD	1,3	47,70	0,17/0,25	22,01	0,27/0,32	0,27	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN154 II F2 10(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	1C1/2B2	200K/40K	10/16/12	41(-1;-3)	NPD	1,3	47,68	0,17/0,25	21,39	0,27/0,31	0,26	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 4(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,8	66,24	0,11/0,11	43,97	0,20/0,18	0,51	PASS
SGG CLIMAPLUS ACOUSTIC N F2 4(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/6	NPD	NPD	1,9	79	0,12/0,12	51,00	0,23/0,21	0,57	PASS
SGG CLIMAPLUS SECURIT ACOUSTIC COOL-LITE KNT164 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/12/5	NPD	NPD	1,9	58	0,14/0,10	40	0,16/0,17	0,46	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/8	NPD	NPD	1,9	64,29	0,11/0,11	40,03	0,15/0,16	0,47	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(10 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/10	NPD	NPD	1,9	63,71	0,11/0,11	39,06	0,15/0,15	0,47	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE KNT155 8(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/10/8	NPD	NPD	2,0	46,03	0,17/0,10	28,67	0,18/0,17	0,36	PASS
SGG CLIMAPLUS N F2 ARENA C F4 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	1,87	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/6	NPD	NPD	1,5	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS
SGG CLIMAPLUS PROTECT SAFE COOL-LITE SKN174 II F2 SWS 10(20 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	(1C1/1C1*)/1B1	200K/40K	10/20/9	NPD	NPD	1,1	65,79	0,11/0,12	33,46	0,22/0,23	0,39	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F3 33.1(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/4	NPD	NPD	1,8	66,24	0,11/0,11	43,97	0,18/0,20	0,61	PASS
SGG CLIMAPLUS PROTECT SILENCE SAFE COOL-LITE SKN174 II F2 SPS 10(20 argon)44.2 Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	(1C1/1C1*)/1B1	200K/40K	10/20/9	NPD	NPD	1,1	65,79	0,11/0,12	33,46	0,22/0,23	0,39	PASS
SGG CLIMAPLUS PROTECT SILENCE SAFE COOL-LITE SKN174 II F2 10(20 argon)44.2 Si STS	NPD	NPD	NPD	NPD	NPD	NPD/P2A	(1C1/1C1*)/1B1	200K/40K	10/20/9	NPD	NPD	1,1	65,79	0,11/0,12	33,46	0,22/0,23	0,39	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/4	NPD	NPD	1,8	70,46	0,12/0,13	38,39	0,30/0,34	0,42	PASS
SGG CLIMAPLUS SILENCE SAFE PLANITHERM S F3 66.1Si(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/8/6	NPD	NPD	2,2	63,90	0,11/0,11	39,72	0,14/0,18	0,56	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN154 II 10(12 air)10	NPD	NPD	NPD	NPD	NPD	NPD	1C1/NPD	200K/40K	10/12/10	NPD	NPD	1,5	48,26	0,18/0,25	22,44	0,27/0,36	0,27	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 4(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	2,0	66,24	0,11/0,11	43,97	0,20/0,18	0,51	PASS
SGG CLIMAPLUS PLANITHERM S 6(14 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,63	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM S ACOUSTIC 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,6	66,44	0,11/0,11	46,19	0,19/0,21	0,51	PASS
SGG CLIMAPLUS ONE 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	30(-0;-4)	NPD	1,07	70,90	0,22/0,22	44	0,36/0,37	0,49	PASS
SGG CLIMAPLUS ULTRA N ZBR110 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SILENCE SAFE PLANITHERM S F3 66.1Si(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/15/6	42(-2;-6)	NPD	1,5	63,90	0,11/0,11	39,72	0,14/0,18	0,56	PASS
SGG CLIMAPLUS PLANITHERM S 4(12 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT ONE II DIAMANT 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	40K/200K	4/16/4	30(-1;-3)	NPD	1,0	72,04	0,22/0,23	46,85	0,38/0,44	0,51	PASS
SGG CLIMAPLUS SECURIT ONE II DIAMANT 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	40K/200K	4/16/4	30(-1;-3)	NPD	1,3	72,04	0,22/0,23	46,85	0,38/0,44	0,51	PASS
SGG CLIMAPLUS SECURIT ONE II DIAMANT 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	40K/200K	4/16/4	30(-1;-3)	NPD	1,0	72,95	0,22/0,23	48,89	0,43/0,44	0,54	PASS
SGG CLIMAPLUS SECURIT ONE II DIAMANT 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	40K/200K	4/16/4	30(-1;-3)	NPD	1,3	72,95	0,22/0,23	48,89	0,43/0,44	0,54	PASS
SGG CLIMAPLUS SECURIT ONE II DIAMANT 4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	40K/200K	4/16/4	30(-1;-3)	NPD	1,0	72,04	0,22/0,23	46,85	0,38/0,44	0,52	PASS
SGG CLIMAPLUS SECURIT ONE II DIAMANT 4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	40K/200K	4/16/4	30(-1;-3)	NPD	1,0	72,95	0,22/0,23	48,89	0,43/0,44	0,54	PASS
SGG CLIMAPLUS N ACOUSTIC 6(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,4	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN154 F2 64.2(10 argon)10	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	11/10/10	NPD	NPD	1,4	47,96	0,17/0,21	21,47	0,25/0,32	0,26	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN154 64.2(10 argon)SP510	NPD	NPD	NPD	NPD	NPD	P2A/P5A	1B1/1B1	40K/40K	11/10/10	NPD	NPD	1,4	47	0,17/0,19	21	0,23/0,23	0,26	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SATINOVO MATE 44.2(12 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/4	NPD	NPD	1,3	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 SATINOVO MATE 4(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/12/9	NPD	NPD	1,3	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N 8(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,4	78,42	0,12/0,12	51,83	0,23/0,26	0,59	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N 10(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/4	36(-1;-4)	NPD	1,4	77,69	0,12/0,12	50,13	0,20/0,26	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SILENCE 44.2Si(14 air)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/14/8	NPD	NPD	1,4	76,56	0,12/0,12	46,60	0,19/0,22	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SILENCE 44.2Si(12 air)10	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/10	42(-1;-4)	NPD	1,6	75,85	0,12/0,12	45,16	0,19/0,20	0,55	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SILENCE 64.2Si(12 air)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	11/12/9	NPD	NPD	1,6	75,42	0,12/0,12	44,52	0,18/0,19	0,54	PASS
SGG CLIMAPLUS ULTRA N 4(16 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,1	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS N SAFE 33.1(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,4	78	0,12/0,12	49	0,19/0,23	0,58	PASS
SGG CLIMAPLUS N SAFE 44.1(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/14/6	NPD	NPD	1,5	77	0,12/0,12	46	0,17/0,21	0,56	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS N SAFE 33.1(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/10/4	NPD	NPD	1,9	78	0,12/0,12	49	0,19/0,23	0,58	PASS
SGG CLIMAPLUS N SAFE OPALE 33.1(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,4	67	0,10/0,11	42	0,16/0,23	0,51	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA F3 N 8(16 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,1	78,42	0,12/0,12	51,83	0,23/0,26	0,59	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N 10(16 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/4	36(-1;-4)	NPD	1,1	78	0,11/0,11	50	0,20/0,24	0,59	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SILENCE 44.2Si(14 argon*)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/14/8	NPD	NPD	1,2	75	0,11/0,11	44	0,16/0,19	0,55	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SILENCE 44.2Si(12 argon*)10	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/10	42(-1;-4)	NPD	1,3	76	0,11/0,11	44	0,16/0,20	0,55	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SILENCE 64.2Si(12 argon*)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	11/12/9	NPD	NPD	1,3	74	0,11/0,11	42	0,15/0,17	0,61	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 44.4(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/15/6	NPD	NPD	1,1	76,56	0,12/0,12	46,26	0,17/0,22	0,55	PASS
SGG CLIMAPLUS PLANITHERM ONE F3 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,0	71,00	0,22/0,23	44,10	0,39/0,39	0,50	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM ONE 8(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,0	69,71	0,22/0,23	42,02	0,33/0,39	0,48	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM ONE 10(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/4	36(-1;-4)	NPD	1,0	69,06	0,21/0,23	40,81	0,30/0,38	0,47	PASS
SGG CLIMAPLUS PROTECT PLANITHERM ONE F3 SILENCE 44.2Si(14 argon)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/14/8	NPD	NPD	1,1	68,04	0,21/0,22	38,20	0,28/0,33	0,45	PASS
SGG CLIMAPLUS PROTECT PLANITHERM ONE F3 SILENCE 44.2Si(12 argon)10	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/10	42(-1;-4)	NPD	1,2	67,41	0,21/0,22	37,16	0,28/0,30	0,45	PASS
SGG CLIMAPLUS PROTECT PLANITHERM ONE F3 SILENCE 64.2Si(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	11/12/9	NPD	NPD	1,2	67,02	0,21/0,22	36,67	0,26/0,28	0,44	PASS
SGG CLIMAPLUS PLANITHERM S 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	30(-0;-4)	NPD	1,6	67,04	0,11/0,11	47,50	0,20/0,21	0,52	PASS
SGG CLIMAPLUS PLANITHERM S 4(20 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	30(-0;-4)	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM S F3 SAFE 8(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/10/8	NPD	NPD	1,9	64,48	0,11/0,11	40,71	0,18/0,15	0,61	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE KNT164 6(20 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/20/8	NPD	NPD	1,7	57	0,14/0,10	36	0,16/0,13	0,45	PASS
SGG CLIMAPLUS 4S 6(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	NPD	NPD	1,4	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS SAFE 4S F2 6(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,4	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS SAFE 4S 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,8	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMALIT SAFE COOL-LITE ST120 F2 PLANITHERM FUTUR N F3 6(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,4	17	0,32/0,26	11	0,27/0,25	0,17	PASS
SGG CLIMAPLUS SECURIT HST PROTECT COOL-LITE SKN165 II 10(20 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C1/1B1	200K/40K	10/20/11	NPD	NPD	1,3	57,54	0,16/0,16	26,36	0,25/0,26	0,32	PASS
SGG CLIMAPLUS ULTRA N F3 SAFE 33.1(15 air)64.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/15/10	NPD	NPD	1,4	76,56	0,12/0,12	46,60	0,22/0,19	0,58	PASS
SGG CLIMAPLUS SECURIT HST PROTECT COOL-LITE SKN165 II 10(20 air)1010.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	1C1/1B1	200K/200K	10/20/22	NPD	NPD	1,4	55	0,15/0,15	25	0,28/0,16	0,33	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S F3 HN119-S (18 air) 44.1	NPD	NPD	NPD	BR1-S	NPD	P3A/NPD	1B1/2B2	40K/40K	19/18/8	NPD	NPD	1,5	60	0,10/0,11	33	0,10/0,14	0,48	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F3 SATINOVO 66.1(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/8	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F3 66.1(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/8	NPD	NPD	1,5	63,14	0,11/0,11	38,14	0,14/0,15	0,56	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F3 33.1(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/10/4	NPD	NPD	2,0	66,24	0,11/0,11	43,97	0,18/0,20	0,60	PASS
SGG CLIMAPLUS SAFE 4S F3 33.1(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/10/4	NPD	NPD	1,8	70,25	0,13/0,12	36,81	0,28/0,33	0,49	PASS
SGG CLIMAPLUS SECURIT SAFE ULTRA N 10(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C1/2B2	200K/40K	10/16/6	NPD	NPD	1,3	76,76	0,12/0,12	46,95	0,20/0,22	0,57	PASS
SGG CLIMAPLUS SECURIT SAFE ULTRA N 10(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C1/2B2	200K/40K	10/16/6	NPD	NPD	1,1	76,76	0,12/0,12	46,95	0,20/0,22	0,57	PASS
SGG CLIMAPLUS SECURIT COOL-LITE KNT155 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/6	33(-1;-4)	NPD	1,7	47,00	0,17/0,10	31,66	0,19/0,20	0,37	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,8	66,14	0,11/0,11	45,56	0,19/0,20	0,51	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,8	65,06	0,11/0,11	41,75	0,18/0,16	0,50	PASS
SGG CLIMAPLUS SILENCE 4S F2 6(14 air)33.1SI	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,5	69,62	0,12/0,13	36,16	0,30/0,28	0,41	PASS
SGG CLIMAPLUS ULTRA N F3 ANTELIO BRONZE F1 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	33(-1;-4)	NPD	1,12	20,9	0,32/0,13	15,6	0,30/0,23	0,22	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 10(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	10/16/8	43(-1;-5)	NPD	1,1	76,08	0,12/0,12	45,84	0,20/0,20	0,57	PASS
SGG CLIMAPLUS PROTECT SILENCE PLANITHERM ONE F3 12(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/15/9	43(-1;-4)	NPD	1,03	67	0,21/0,21	35,90	0,27/0,26	0,45	PASS
SGG CLIMAPLUS SAFE 4S 66.1(12 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/8	NPD	NPD	1,6	56	0,11/0,10	28	0,18/0,19	0,38	PASS
SGG CLIMAPLUS PROTECT SILENCE SAFE PLANITHERM ONE F3 6(15 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/15/13	NPD	NPD	1,0	67,42	0,22/0,22	37,39	0,35/0,25	0,48	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN 154 II 66.1(16 air) 44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C1/2B2	200K/40K	12/16/8	NPD	NPD	1,27	47	0,17/0,25	21	0,22/0,32	0,26	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN154 II F2 8(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/16/8	NPD	NPD	1,3	48,98	0,18/0,25	22,37	0,30/0,36	0,27	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN154 II F2 8(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/16/6	36(-1;-4)	NPD	1,3	49,57	0,18/0,26	23,58	0,30/0,43	0,27	PASS
SGG CLIMAPLUS SECURIT COOL-LITE STB136 F2 PLANITHERM S F3 8(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/16/6	36(-1;-4)	NPD	1,5	26,42	0,17/0,16	17,22	0,16/0,23	0,28	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 33.2(14 argon)33.2	NPD	NPD	NPD	NPD	NPD	P1A/P1A	1B1/1B1	40K/40K	7/14/7	NPD	NPD	1,1	77,49	0,12/0,12	47,87	0,20/0,20	0,57	PASS
SGG CLIMAPLUS SAFE COOL-LITE ST150 F2 N F3 88.1(16 air)88.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	16/16/16	NPD	NPD	1,4	40	0,18/0,17	20	0,13/0,15	0,31	PASS
SGG CLIMAPLUS SAFE COOL-LITE ST150 F2 N F3 1010.1(16 air)88.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	20/16/16	NPD	NPD	1,4	40	0,18/0,17	20	0,13/0,15	0,31	PASS
SGG CLIMAPLUS SAFE COOL-LITE ST150 F2 N F3 1010.1(16 air)88.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	20/16/16	NPD	NPD	1,4	34	0,18/0,14	17	0,13/0,13	0,31	PASS
SGG CLIMAPLUS SAFE COOL-LITE ST150 F2 N F3 88.1(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	16/16/12	NPD	NPD	1,4	40	0,18/0,18	21	0,13/0,18	0,31	PASS
SGG CLIMAPLUS SAFE COOL-LITE ST150 F2 N F3 88.1(16 air)66.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	16/16/12	NPD	NPD	1,4	35	0,17/0,14	18	0,13/0,15	0,31	PASS
SGG CLIMAPLUS PLANITHERM S F2 12(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	12/16/12	NPD	NPD	1,5	62,03	0,11/0,11	36,44	0,15/0,14	0,46	PASS
SGG CLIMAPLUS PROTECT PLANITHERM ONE F3 55.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	11/15/9	NPD	NPD	1,0	67,02	0,21/0,22	36,67	0,26/0,28	0,44	PASS
SGG CLIMAPLUS PROTECT PLANITHERM ONE F3 BIOCLEAN 66.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	41(-1;-4)	NPD	1,0	64,58	0,23/0,24	34,80	0,26/0,29	0,42	PASS
SGG CLIMAPLUS PROTECT PLANITHERM ONE F3 BIOCLEAN 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,0	66,79	0,24/0,24	37,85	0,36/0,29	0,47	PASS
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE SKN154II F2 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	200K/40K	6/15/9	36(-1;-4)	NPD	1,0	49,27	0,18/0,25	22,44	0,32/0,35	0,27	PASS
SGG CLIMAPLUS SECURIT PROTECT PLANITHERM ONE F3 12(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C1/1B1	200K/40K	12/15/9	NPD	NPD	1	67	0,21/0,21	36	0,28/0,26	0,45	PASS
SGG CLIMAPLUS SECURIT PROTECT PLANITHERM ONE F3 6(15 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/15/13	NPD	NPD	1,0	67,42	0,22/0,22	37,39	0,35/0,25	0,48	PASS
SGG CLIMAPLUS COOL-LITE SKN165 8(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,3	58,76	0,16/0,17	27,63	0,29/0,30	0,33	PASS
SGG CLIMAPLUS SAFE 4S F2 66.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/8	NPD	NPD	1,6	66	0,11/0,13	32,10	0,18/0,23	0,39	PASS
SGG CLIMAPLUS SAFE 4S 44.1(24 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/24/8	NPD	NPD	1,4	67	0,12/0,13	34	0,23/0,23	0,40	PASS
SGG CLIMAPLUS SAFE 4S 44.1(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/6	NPD	NPD	1,8	68	0,12/0,13	35	0,23/0,25	0,40	PASS
SGG CLIMAPLUS PLANITHERM S F2 SAFE SILENCE 6(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,8	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN174 66.2(16 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	13/16/6	NPD	NPD	1,1	65,81	0,11/0,12	33,64	0,19/0,31	0,37	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN174 66.2(20 argon)66.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/13	NPD	NPD	1,1	62	0,09/0,12	30	0,17/0,17	0,36	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN174 6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/9	NPD	NPD	1,1	67,00	0,11/0,12	34,86	0,28/0,24	0,41	PASS
SGG CLIMAPLUS COOL-LITE SKN174 F2 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	68,62	0,11/0,12	38,09	0,28/0,34	0,41	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN174 F2 6(16 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/7	NPD	NPD	1,1	67,60	0,11/0,12	35,49	0,28/0,26	0,41	PASS
SGG CLIMAPLUS SECURIT HST PROTECT ULTRA N F3 8(24 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/24/13	NPD	NPD	1,2	74	0,11/0,10	42	0,19/0,14	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 66.2(20 argon)66.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/13	NPD	NPD	1,1	73,41	0,11/0,11	41,57	0,16/0,16	0,53	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F3 8(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/16/9	NPD	NPD	1,1	75	0,11/0,11	44	0,19/0,17	0,58	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F3 8(16 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/16/13	NPD	NPD	1,1	74	0,11/0,10	42	0,19/0,14	0,58	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F3 8(10 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/10/9	NPD	NPD	1,4	76,56	0,12/0,12	46,60	0,23/0,19	0,59	PASS
SGG CLIMAPLUS SECURIT ULTRA N II 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	40K/200K	4/16/4	30(-1;-3)	NPD	1,1	79,85	0,12/0,12	54,78	0,27/0,27	0,63	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN174 II 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/4	35(-2;-5)	NPD	1,1	68,61	0,11/0,12	38,04	0,27/0,33	0,41	PASS
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE SKN174 II F2 8(10 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/10/9	NPD	NPD	1,4	66,39	0,11/0,12	34,17	0,25/0,23	0,40	PASS
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE SKN174 II F2 8(24 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/24/13	NPD	NPD	1,2	65,21	0,11/0,11	33,01	0,25/0,20	0,40	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE SKN174 II F2 8(18 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/18/13	NPD	NPD	1,1	65,21	0,11/0,11	33,01	0,25/0,20	0,40	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 44.2Si(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	42(-2;-6)	NPD	1,1	76,10	0,12/0,12	45,59	0,19/0,19	0,56	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 6(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/5	NPD	NPD	1,6	66,14	0,11/0,11	45,56	0,19/0,20	0,50	PASS
SGG CLIMAPLUS PLANITHERM S F2 66.1(10 air)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/10/5	NPD	NPD	1,9	64,19	0,11/0,11	40,21	0,14/0,20	0,46	PASS
SGG CLIMAPLUS N F2 SAFE 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,7	77,81	0,12/0,12	49,96	0,22/0,21	0,57	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT140 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,96	36	0,23/0,12	21	0,24/0,18	0,33	PASS
SGG CLIMAPLUS SECURIT COOL-LITE KNT140 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/12/6	NPD	NPD	1,8	37,00	0,23/0,12	23,17	0,24/0,24	0,28	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(10 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/12	NPD	NPD	1,9	63,90	0,11/0,11	39,72	0,18/0,14	0,49	PASS
SGG CLIMAPLUS PROTECT ULTRA N SERALIT EVOLUTION HN113-S(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C0/NPD	200K/40K	14/16/4	NPD	NPD	1,1	76,10	0,11/0,12	45,60	0,15/0,26	0,52	PASS
SGG CLIMAPLUS SECURIT SAFE ULTRA N 6(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/16/6	NPD	NPD	1,1	78,18	0,12/0,12	49,72	0,24/0,22	0,61	PASS
SGG CLIMAPLUS SECURIT ULTRA N 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/16/4	30(-1;-3)	NPD	1,1	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE KNT164 F2 8(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/12/10	NPD	NPD	1,9	55,33	0,14/0,10	35,40	0,15/0,14	0,44	PASS
SGG CLIMAPLUS PROTECT OPALE ULTRA N F3 44.2(16 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/16/4	NPD	NPD	1,1	57	0,08/0,10	35	0,13/0,24	0,43	PASS
SGG CLIMAPLUS PROTECT SILENCE 4S F2 44.2Si(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	42(-2;-6)	NPD	1,1	67	0,11/0,13	33	0,22/0,21	0,39	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 6(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/10	NPD	NPD	1,9	55,83	0,14/0,10	36,33	0,16/0,14	0,45	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 F2 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,9	56,33	0,14/0,10	37,29	0,16/0,14	0,46	PASS
SGG CLIMAPLUS ULTRA N F2 ARENA C 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N F2 ARENA C 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	1,1	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ONE F2 ARENA C 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	1	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,5	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 8(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/4	36(-2;-5)	NPD	1,6	78,42	0,12/0,12	51,83	0,23/0,26	0,59	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 10(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/10/4	36(-1;-4)	NPD	1,8	77,69	0,12/0,12	50,13	0,20/0,26	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 33.2(14 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	7/14/4	NPD	NPD	1,5	78,66	0,12/0,12	50,23	0,21/0,26	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 33.2(14 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	7/14/4	NPD	NPD	1,1	78,66	0,12/0,12	50,23	0,21/0,26	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 44.2(12 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/4	NPD	NPD	1,6	77,95	0,12/0,12	48,96	0,19/0,26	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 44.2(12 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/4	NPD	NPD	1,3	77,95	0,12/0,12	48,96	0,19/0,26	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP510(10 air)4	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/10/4	NPD	NPD	1,8	76	0,11/0,11	45	0,14/0,24	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP510(10 argon)4	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/10/4	NPD	NPD	1,4	76	0,11/0,11	45	0,14/0,24	0,53	PASS
SGG CLIMAPLUS ACOUSTIC ONE F3 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,1	70,35	0,22/0,23	43,04	0,36/0,39	0,49	PASS
SGG CLIMAPLUS PROTECT ONE F3 33.2(14 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	7/14/4	NPD	NPD	1,1	69,93	0,22/0,23	40,85	0,30/0,38	0,46	PASS
SGG CLIMAPLUS PROTECT ONE F3 44.2(12 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/4	NPD	NPD	1,2	69,29	0,21/0,23	39,93	0,28/0,38	0,46	PASS
SGG CLIMAPLUS PROTECT ONE F3 SP510(10 argon)4	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/10/4	NPD	NPD	1,4	68,46	0,21/0,23	38,48	0,24/0,38	0,44	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP510(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	P5A/P2A	1B1/1B1	40K/40K	10/16/9	NPD	NPD	1,1	74	0,11/0,11	42	0,14/0,17	0,53	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN174 II F2 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	P2A	1C2/2B2	200K/40K	6/12/8	NPD	NPD	1,6	67,19	0,11/0,12	35,24	0,27/0,25	0,41	PASS
SGG CLIMAPLUS PLANITHERM S F2 66.1(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/10/6	NPD	NPD	1,9	63,90	0,11/0,11	39,72	0,14/0,19	0,46	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN154 II F2 10(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C1/2B2	200K/40K	10/16/8	NPD	NPD	1,3	48,54	0,18/0,25	22,02	0,27/0,36	0,27	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN154 II F2 10(18 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C1/NPD	200K/40K	10/18/6	NPD	NPD	1,3	49	0,17/0,26	23	0,29/0,39	0,27	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN154 F2 66.1(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/14/8	NPD	NPD	1,4	47	0,17/0,19	21	0,22/0,28	0,26	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN154 F2 66.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/16/6	NPD	NPD	1,3	48,54	0,17/0,22	22,08	0,24/0,38	0,26	PASS
SGG CLIMAPLUS N F3 ACOUSTIC 5(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/14/6	NPD	NPD	1,5	78,40	0,12/0,12	52,97	0,24/0,22	0,63	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 34.1(16 air) HN323-S	NPD	NPD	NPD	NPD/BR3-S	NPD	NPD	2B2/1B1	40K/40K	7/16/24	NPD	NPD	1,3	70	0,10/0,10	36	0,18/0,09	0,36	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 34.1(16 argon) HN323-S	NPD	NPD	NPD	NPD/BR3-S	NPD	NPD	2B2/1B1	40K/40K	7/16/24	NPD	NPD	1,1	70	0,10/0,10	36	0,18/0,09	0,36	PASS
SGG CLIMAPLUS N F3 PARSOL GREY 4(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	34(-1;-5)	NPD	1,67	49	0,07/0,10	34	0,14/0,20	0,45	PASS
SGG CLIMAPLUS SAFE N F3 PARSOL GREY 33.1(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,67	38	0,06/0,10	26	0,10/0,20	0,36	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN154 II F2 10(16 air)10	NPD	NPD	NPD	NPD	NPD	NPD	1C1/NPD	200K/40K	10/16/10	NPD	NPD	1,3	48,26	0,18/0,25	22,44	0,27/0,36	0,27	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN154 II F2 6(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/16/8	NPD	NPD	1,3	49,42	0,18/0,25	22,71	0,32/0,36	0,27	PASS
SGG CLIMAPLUS ACOUSTIC N F3 6(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/4	NPD	NPD	1,9	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS ACOUSTIC N F3 4(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/6	NPD	NPD	1,9	78,76	0,12/0,12	53,69	0,25/0,22	0,63	PASS
SGG CLIMAPLUS SAFE N F3 4(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/8	NPD	NPD	1,9	77	0,12/0,12	47	0,23/0,17	0,62	PASS
SGG CLIMAPLUS N F3 SAFE 44.1(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/10/4	NPD	NPD	1,9	77	0,12/0,12	47	0,17/0,23	0,57	PASS
SGG CLIMAPLUS SAFE N F3 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,9	77,00	0,12/0,12	46	0,20/0,17	0,60	PASS
SGG CLIMAPLUS SAFE N F3 6(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/10	NPD	NPD	1,7	76	0,12/0,12	44	0,20/0,16	0,60	PASS
SGG CLIMAPLUS SAFE N F3 6(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/8	NPD	NPD	1,5	77,00	0,12/0,12	46	0,20/0,17	0,60	PASS
SGG CLIMAPLUS SAFE N F3 6(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/6	NPD	NPD	1,4	77,00	0,12/0,12	46	0,20/0,19	0,61	PASS
SGG CLIMAPLUS ACOUSTIC N F3 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-1;-5)	NPD	1,7	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS PLANIDUR COOL-LITE SKN154 II F2 8(20 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD	100K/40K	8/20/6	NPD	NPD	1,3	49,57	0,18/0,26	23,58	0,30/0,43	0,27	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 F2 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	2,0	56,33	0,14/0,10	37,29	0,16/0,14	0,46	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 F2 10(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/16/8	NPD	NPD	1,6	55,33	0,14/0,10	35,13	0,14/0,14	0,43	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 F2 10(12 air)88.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/12/16	NPD	NPD	1,8	53,40	0,14/0,09	31,90	0,14/0,12	0,43	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 F2 8(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,6	55,83	0,14/0,10	36,33	0,15/0,14	0,44	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT155 F2 6(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/8	NPD	NPD	1,7	46,44	0,17/0,10	29,39	0,19/0,17	0,37	PASS
SGG CLIMAPLUS PLANIDUR SAFE COOL-LITE SKN154 II F2 8(18 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	100K/40K	8/18/8	NPD	NPD	1,3	49	0,17/0,25	22	0,29/0,32	0,27	PASS
SGG CLIMAPLUS PLANIDUR SAFE COOL-LITE SKN154 II F2 66.1(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	100K/100K	8/18/8	NPD	NPD	1,4	47	0,17/0,25	21	0,22/0,32	0,26	PASS
SGG CLIMAPLUS SAFE N 8(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/10/8	NPD	NPD	1,8	76	0,12/0,12	44	0,18/0,17	0,58	PASS
SGG CLIMAPLUS PROTECT COOL-LITE STB120 F2 N F3 66.2(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	13/15/9	NPD	NPD	1,4	18	0,20/0,27	10	0,15/0,25	0,17	PASS
SGG CLIMAPLUS PROTECT COOL-LITE ST108 F2 N F3 66.2(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	13/15/9	NPD	NPD	1,4	7	0,41/0,34	4	0,28/0,28	0,09	PASS
SGG CLIMAPLUS SAFE N F3 4(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	1,9	78	0,12/0,12	49	0,23/0,19	0,62	PASS
SGG CLIMAPLUS PROTECT N F3 4(10 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/10/7	NPD	NPD	1,9	78	0,12/0,12	48	0,23/0,18	0,62	PASS
SGG CLIMAPLUS PLANITHERM ONE F3 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,1	71,00	0,22/0,23	44,10	0,39/0,39	0,50	PASS
SGG CLIMAPLUS PROTECT ONE F3 44.2(16 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/16/4	NPD	NPD	1,0	69,29	0,21/0,23	39,93	0,28/0,38	0,46	PASS
SGG CLIMAPLUS PROTECT ONE F3 44.2(14 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/14/6	NPD	NPD	1,0	68,66	0,21/0,23	39,05	0,28/0,35	0,45	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(10 argon*)33.2	NPD	NPD	NPD	NPD	NPD	P1A/P1A	1B1/1B1	40K/40K	7/10/7	NPD	NPD	1,5	76,70	0,11/0,11	46,10	0,18/0,18	0,57	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N 44.2Si(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/12/9	NPD	NPD	1,3	76,10	0,12/0,12	45,59	0,19/0,19	0,56	PASS
SGG CLIMAPLUS SAFE N F3 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,7	77,40	0,12/0,12	47,30	0,20/0,19	0,60	PASS
SGG CLIMAPLUS SAFE N F3 5(20 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	5/20/8	NPD	NPD	1,4	77,00	0,12/0,12	47	0,21/0,17	0,61	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 4(14 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/5	NPD	NPD	1,6	66,74	0,11/0,11	46,83	0,20/0,20	0,52	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 4(16 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/5	NPD	NPD	1,5	66,74	0,11/0,11	46,83	0,20/0,20	0,52	PASS
SGG CLIMAPLUS REFLECTASOL F2 PLANITHERM S F3 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	NPD	NPD	1,9	23,86	0,46/0,36	21,65	0,43/0,32	0,34	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.4(12 argon)6	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/12/6	NPD	NPD	1,3	76,79	0,12/0,12	46,71	0,17/0,24	0,55	PASS
SGG CLIMAPLUS SAFE N F3 44.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,7	75	0,11/0,12	44	0,17/0,17	0,56	PASS
SGG CLIMAPLUS N F3 SILENCE 33.1Si(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/4	NPD	NPD	1,7	78	0,12/0,12	49	0,19/0,23	0,58	PASS
SGG CLIMAPLUS ACOUSTIC N F3 4(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,5	78,76	0,12/0,12	53,69	0,25/0,22	0,64	PASS
SGG CLIMAPLUS N SAFE 33.1(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/4	NPD	NPD	1,7	78	0,12/0,12	49	0,19/0,23	0,58	PASS
SGG CLIMAPLUS ULTRA N 5(14 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/14/5	NPD	NPD	1,1	79,13	0,12/0,12	53,22	0,26/0,25	0,62	PASS
SGG CLIMAPLUS ULTRA N 5(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/5	NPD	NPD	1,3	79,13	0,12/0,12	53,22	0,26/0,25	0,62	PASS
SGG CLIMAPLUS ULTRA N 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,3	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP510(8 argon)5	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/8/5	NPD	NPD	1,7	76	0,11/0,11	45	0,14/0,23	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP510(8 argon)6	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/8/6	NPD	NPD	1,7	75	0,11/0,11	44	0,14/0,22	0,53	PASS
SGG CLIMAPLUS ULTRA N ARENA C 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	1,1	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM ONE ARENA C 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	1,0	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT PLANITHERM ONE F3 SP510(16 argon)4	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/16/4	NPD	NPD	1,0	68,46	0,21/0,23	38,48	0,24/0,38	0,44	PASS
SGG CLIMAPLUS PROTECT N F3 SP510(12 air)44.2	NPD	NPD	NPD	NPD	NPD	P5A/P2A	1B1/1B1	40K/40K	10/12/9	NPD	NPD	1,7	74	0,11/0,12	41	0,14/0,16	0,53	PASS
SGG CLIMAPLUS SAFE ULTRA N 33.1(12 krypton)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	1,1	77	0,11/0,11	47	0,19/0,20	0,58	PASS
SGG CLIMAPLUS SECURIT ULTRA N PROTECT 6(10 krypton)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/10/9	NPD	NPD	1,0	76	0,11/0,11	46	0,21/0,17	0,60	PASS
SGG CLIMAPLUS SECURIT COOL-LITE ST420 F2 N F3 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/12/4	33(-1;-4)	NPD	1,7	15	0,23/0,27	7	0,13/0,34	0,14	PASS
SGG CLIMAPLUS SAFE ULTRA N 33.1(12 krypton-argon*)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	1,1	77	0,11/0,11	47	0,19/0,20	0,58	PASS
SGG CLIMAPLUS SECURIT ULTRA N PROTECT 6(10 krypton-argon*)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/10/9	NPD	NPD	1,1	76	0,11/0,11	46	0,21/0,17	0,60	PASS
SGG CLIMAPLUS ULTRA N SILENCE 22.1Si(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	4/16/4	35(-2;-5)	NPD	1,1	79	0,12/0,11	51	0,21/0,24	0,60	PASS
SGG CLIMAPLUS SECURIT COOL-LITE ST436 F2 N F3 6(24 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/24/4	NPD	NPD	1,5	15	0,23/0,27	7	0,13/0,34	0,13	PASS
SGG CLIMAPLUS N SATINOVO MATE 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT N F3 SP510(12 air)6	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/12/6	NPD	NPD	1,7	75	0,11/0,12	43	0,14/0,21	0,53	PASS
SGG CLIMAPLUS SAFE N F3 6(16 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/10	NPD	NPD	1,4	76	0,12/0,12	44	0,20/0,16	0,60	PASS
SGG CLIMAPLUS N F3 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,7	78,40	0,12/0,12	52,96	0,23/0,23	0,62	PASS
SGG CLIMAPLUS SILENCE N F3 6(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,9	77	0,12/0,12	46	0,20/0,17	0,60	PASS
SGG CLIMAPLUS 4S 6(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/6	NPD	NPD	1,1	69,83	0,12/0,13	37,66	0,30/0,31	0,41	PASS
SGG CLIMAPLUS SAFE 4S 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,6	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS SAFE 4S 6(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/10	NPD	NPD	1,6	68,38	0,12/0,13	34,92	0,30/0,24	0,41	PASS
SGG CLIMAPLUS N F2 4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	1,5	80	0,12/0,12	53	0,23/0,23	0,58	PASS
SGG CLIMAPLUS SECURIT 4S F2 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C2	40K/200K	6/12/6	NPD	NPD	1,6	69,83	0,12/0,13	37,66	0,30/0,31	0,41	PASS
SGG CLIMAPLUS 4S F2 ARENA C 6(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 55.1(15 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/15/10	NPD	NPD	1,5	63,14	0,11/0,11	38,14	0,14/0,15	0,46	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 55.1(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	10/15/6	NPD	NPD	1,6	64,48	0,11/0,11	40,71	0,15/0,19	0,46	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 6(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	NPD	NPD	1,6	66,44	0,11/0,11	46,19	0,19/0,21	0,51	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 6(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	NPD	NPD	1,3	66,44	0,11/0,11	46,19	0,19/0,21	0,50	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	NPD	NPD	1,1	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	NPD	NPD	1,4	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS PROTECT SILENCE PLANITHERM ONE F2 44.2Si(20 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/13	49(-2;-6)	NPD	1,1	66	0,22/0,21	36	0,28/0,24	0,43	PASS
SGG CLIMAPLUS SAFE N F3 8(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/14/8	NPD	NPD	1,5	76	0,12/0,12	48	0,21/0,18	0,60	PASS
SGG CLIMAPLUS SAFE N F3 4(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/8	NPD	NPD	1,4	78	0,12/0,12	50	0,25/0,19	0,63	PASS
SGG CLIMAPLUS SAFE N F3 5(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	5/16/8	NPD	NPD	1,4	77	0,12/0,12	49	0,24/0,19	0,63	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/8	NPD	NPD	1,5	64,29	0,11/0,11	40,03	0,15/0,16	0,47	PASS
SGG CLIMAPLUS SAFE SILENCE COOL-LITE ST150 F2 N F3 88.1Si(16 air)88.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	16/16/16	NPD	NPD	1,4	41	0,18/0,17	22	0,14/0,17	0,32	PASS
SGG CLIMAPLUS PROTECT SILENCE PLANITHERM ONE F3 66.2Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/9	49(-2;-6)	NPD	1,1	66,41	0,21/0,22	35,92	0,24/0,28	0,44	PASS
SGG CLIMAPLUS SAFE SILENCE COOL-LITE ST150 F2 N F3 1010.1(16 air)88.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	20/16/16	NPD	NPD	1,4	40	0,17/0,17	21	0,13/0,17	0,30	PASS
SGG CLIMAPLUS SAFE SILENCE COOL-LITE ST150 F2 N F3 88.1Si(16 air)88.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	16/16/16	NPD	NPD	1,4	35	0,18/0,14	19	0,14/0,15	0,32	PASS
SGG CLIMAPLUS SAFE SILENCE COOL-LITE ST150 F2 N F3 1010.1Si(16 air)88.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	20/16/16	NPD	NPD	1,4	34	0,17/0,14	18	0,13/0,15	0,30	PASS
SGG CLIMAPLUS PROTECT 4S 6(20 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/20/9	NPD	NPD	1,1	69	0,12/0,13	35	0,31/0,25	0,41	PASS
SGG CLIMAPLUS SAFE SILENCE COOL-LITE ST150 F2 N F3 88.1Si(10 air)88.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	16/10/16	NPD	NPD	1,6	41	0,18/0,17	22	0,14/0,17	0,32	PASS
SGG CLIMAPLUS SAFE COOL-LITE ST150 F2 N F3 88.1(16 air)88.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	16/16/16	NPD	NPD	1,4	35	0,18/0,14	19	0,14/0,15	0,32	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 F3 33.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/8	NPD	NPD	1,6	53	0,09/0,09	30	0,17/0,16	0,45	PASS
SGG CLIMAPLUS PROTECT 4S 6(15 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/13	NPD	NPD	1,1	67,56	0,12/0,12	33,90	0,30/0,21	0,41	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(20 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/20/8	NPD	NPD	1,6	65,06	0,11/0,11	41,75	0,18/0,16	0,50	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 6(15 argon)SP827	NPD	NPD	NPD	NPD	NPD	NPD/P8B	NPD/1B1	40K/40K	6/15/27	NPD	NPD	1,1	70	0,12/0,10	36	0,24/0,09	0,55	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 6(15 argon)SP510	NPD	NPD	NPD	NPD	NPD	NPD/P5A	NPD/1B1	40K/40K	6/15/10	NPD	NPD	1,1	76,33	0,12/0,12	45,82	0,24/0,16	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 33.1(15 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	2B2/1B1	40K/40K	6/15/10	NPD	NPD	1,1	77	0,12/0,12	46	0,22/0,17	0,54	PASS
SGG CLIMAPLUS N F3 5(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	NPD	NPD	1,7	79,12	0,12/0,12	54,44	0,24/0,24	0,63	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/15/6	NPD	NPD	1,6	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS
SGG CLIMAPLUS SILENCE PLANITHERM S F2 6(15 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/15/6	NPD	NPD	1,6	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS
SGG CLIMAPLUS PLANITHERM S F2 6(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	NPD	NPD	1,6	65,85	0,11/0,11	44,94	0,19/0,20	0,50	PASS
SGG CLIMAPLUS SAFE 4S F2 6(15 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/15/8	NPD	NPD	1,4	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS SILENCE 4S F2 6(15 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,4	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS SILENCE 4S F2 6(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,6	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS ACOUSTIC COOL-LITE XTREME 60/28 F2 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,0	60,27	0,14/0,16	25,83	0,39/0,46	0,28	PASS
SGG CLIMAPLUS COOL-LITE XTREME 60/28 F2 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	NPD	NPD	1,0	59,73	0,14/0,16	25,50	0,39/0,42	0,28	PASS
SGG CLIMAPLUS COOL-LITE XTREME 60/28 F2 8(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/6	NPD	NPD	1,0	59,20	0,14/0,16	25,18	0,36/0,42	0,28	PASS
SGG CLIMAPLUS PROTECT COOL-LITE XTREME 60/28 F2 44.2(15 argon)33.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/7	NPD	NPD	1,0	58	0,14/0,16	24	0,31/0,36	0,27	PASS
SGG CLIMAPLUS PROTECT COOL-LITE XTREME 60/28 F2 44.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	36(-2;-5)	NPD	1,0	58	0,14/0,16	24	0,31/0,33	0,27	PASS
SGG CLIMAPLUS PROTECT COOL-LITE XTREME 60/28 F2 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	NPD	NPD	1,0	59	0,14/0,16	24	0,39/0,33	0,28	PASS
SGG CLIMAPLUS PROTECT COOL-LITE XTREME 60/28 F2 6(15 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/13	NPD	NPD	1,0	58	0,14/0,15	24	0,39/0,28	0,28	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F3 8(15 air)88.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/15/17	NPD	NPD	1,4	73,85	0,12/0,11	42,46	0,22/0,14	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 33.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	7/15/9	NPD	NPD	1,1	76,79	0,12/0,12	46,71	0,20/0,19	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 55.2(15 argon)66.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	11/15/13	NPD	NPD	1,1	74,07	0,11/0,11	42,52	0,18/0,16	0,54	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 6(18 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/6	NPD	NPD	1,3	63,81	0,26/0,24	37,89	0,38/0,37	0,41	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS SECURIT COOL-LITE ST408 F2 6(20 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/20/6	NPD	NPD	1,7	6	0,25/0,44	3	0,14/0,35	0,09	PASS
SGG CLIMAPLUS SECURIT COOL-LITE ST408 F2 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/12/6	NPD	NPD	1,9	6	0,25/0,44	3	0,14/0,35	0,10	PASS
SGG CLIMAPLUS SECURIT COOL-LITE ST408 F2 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/12/6	NPD	NPD	1,9	6	0,25/0,44	3	0,14/0,35	0,10	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE ST408 F2 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/6	NPD	NPD	1,9	6	0,25/0,44	3	0,14/0,32	0,10	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	1,6	67,04	0,11/0,11	47,50	0,20/0,21	0,52	PASS
SGG CLIMAPLUS SECURIT PLANITHERM S 4(12 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/12/4	31(-1;-4)	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT ACOUSTIC PLANITHERM S 6(12 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/12/4	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F3 33.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/8	NPD	NPD	1,8	64,87	0,11/0,11	41,04	0,17/0,15	0,60	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F2 44.2(16 air)8	NPD	NPD	NPD	NPD	NPD	NPD	1B1/1C2	40K/200K	9/16/8	NPD	NPD	1,3	76,56	0,12/0,12	46,60	0,19/0,23	0,53	PASS
SGG CLIMAPLUS SAFE N F2 6(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,2	77,11	0,12/0,12	48,70	0,22/0,19	0,57	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,1	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(10 argon)55.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/10	NPD	NPD	1,6	55	0,10/0,09	35	0,18/0,13	0,49	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(10 argon)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/10	NPD	NPD	1,6	64,48	0,11/0,11	40,71	0,18/0,15	0,50	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(10 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,6	65,06	0,11/0,11	41,75	0,18/0,16	0,50	PASS
SGG CLIMAPLUS SAFE 4S 10(12 air)88.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/12/16	NPD	NPD	1,6	65,37	0,11/0,12	32,02	0,24/0,19	0,40	PASS
SGG CLIMAPLUS SAFE 4S 6(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/6	NPD	NPD	1,4	69,62	0,12/0,13	36,16	0,30/0,28	0,41	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN174 II F2 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/6	33(-1;-4)	NPD	1,4	68,00	0,11/0,12	37,32	0,27/0,30	0,41	PASS
SGG CLIMAPLUS SILENCE 4S F2 6(8 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/8	NPD	NPD	2,1	69	0,12/0,13	36	0,30/0,26	0,42	PASS
SGG CLIMAPLUS PROTECT COOL-LITE ST167 F2 N F3 66.1(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1B1	40K/40K	12/12/9	NPD	NPD	1,6	55	0,20/0,20	33	0,19/0,21	0,43	PASS
SGG CLIMAPLUS COOL-LITE SKN 074 F2 10(12 air)10 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/12/10	NPD	NPD	1,6	70	0,10/0,13	41	0,32/0,35	0,43	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN 074 F2 66.1(12 air)66.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/12	NPD	NPD	1,6	69	0,10/0,13	38	0,27/0,30	0,42	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN 074 F2 1010.1(12 air)88.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	20/12/16	NPD	NPD	1,5	68	0,10/0,12	37	0,25/0,29	0,41	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/8	NPD	NPD	2,2	65,06	0,11/0,11	41,75	0,18/0,16	0,50	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,5	63,04	0,26/0,24	35,37	0,38/0,31	0,41	PASS
SGG CLIMAPLUS N F3 4(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	1,5	79	0,12/0,12	55	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N F2 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-1;-5)	NPD	1,7	79	0,12/0,12	54	0,22/0,25	0,58	PASS
SGG CLIMAPLUS ACOUSTIC REFLECTASOL F2 N F3 5(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/6	NPD	NPD	1,7	29	0,47/0,48	26	0,47/0,41	0,33	PASS
SGG CLIMAPLUS PROTECT COOL-LITE XTREME 60/28 6(15 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/15/7	NPD	NPD	1,0	59	0,14/0,16	24	0,39/0,36	0,28	PASS
SGG CLIMAPLUS SILENCE COOL-LITE XTREME 60/28 6(15 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/15/7	NPD	NPD	1,0	59	0,14/0,16	24	0,39/0,36	0,28	PASS
SGG CLIMAPLUS PROTECT COOL-LITE XTREME 60/28 6(15 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/15/11	NPD	NPD	1,0	58	0,14/0,15	24	0,39/0,30	0,28	PASS
SGG CLIMAPLUS SILENCE COOL-LITE XTREME 60/28 6(15 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/15/11	NPD	NPD	1,0	59	0,14/0,16	24	0,39/0,36	0,28	PASS
SGG CLIMAPLUS SILENCE COOL-LITE XTREME 60/28 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/15/9	39(-2;-6)	NPD	1,0	59	0,14/0,16	24	0,39/0,33	0,28	PASS
SGG CLIMAPLUS ULTRA N F3 SILENCE 44.2(16 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/16/4	37(-2;-6)	NPD	1,1	77,95	0,12/0,12	48,96	0,19/0,26	0,56	PASS
SGG CLIMAPLUS N F2 ARENA C F4 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	31(-1;-4)	NPD	1,7	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N F2 SAFE 33.1(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/10/4	NPD	NPD	1,9	79	0,12/0,12	51	0,20/0,25	0,56	PASS
SGG CLIMAPLUS SAFE 4S F2 4(20 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/20/6	NPD	NPD	1,4	70,00	0,12/0,13	37	0,33/0,28	0,42	PASS
SGG CLIMAPLUS COOL-LITE ST420 F2 N F3 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,5	15	0,23/0,27	7	0,13/0,34	0,13	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S F2 4(14 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1B1	40K/40K	4/14/7	NPD	NPD	1,6	66,04	0,11/0,11	43,21	0,20/0,17	0,51	PASS
SGG CLIMAPLUS SAFE 4S F3 1010.1(14 air)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	20/14/8	NPD	NPD	1,4	64,78	0,12/0,11	31,43	0,16/0,27	0,43	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(10 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,9	56	0,11/0,09	36	0,18/0,14	0,49	PASS
SGG CLIMAPLUS SECURIT COOL-LITE ST420 F2 N F3 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/14/4	NPD	NPD	1,5	15	0,23/0,27	7	0,13/0,34	0,13	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 4(10 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/12	NPD	NPD	1,9	64,48	0,11/0,11	40,71	0,20/0,14	0,51	PASS
SGG CLIMAPLUS ULTRA N F3 SILENCE 33.1Si(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	1,1	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS SILENCE PLANITHERM S F2 4(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,8	66,24	0,11/0,11	43,97	0,20/0,18	0,51	PASS
SGG CLIMAPLUS SECURIT PROTECT SILENCE ULTRA N F3 PARSOL GREEN 8(15 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/13	NPD	NPD	1,1	58	0,09/0,10	25	0,07/0,16	0,33	PASS
SGG CLIMAPLUS SILENCE 4S F2 6(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,8	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS SAFE N F2 6(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,4	77,11	0,12/0,12	48,70	0,22/0,19	0,57	PASS
SGG CLIMAPLUS N F2 6(20 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/6	NPD	NPD	1,5	78	0,12/0,12	52	0,22/0,23	0,58	PASS
SGG CLIMAPLUS SECURIT HST PROTECT COOL-LITE SKN454 F2 8(24 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/24/7	NPD	NPD	1,2	38	0,12/0,20	15	0,09/0,33	0,20	PASS
SGG CLIMAPLUS SECURIT HST PROTECT COOL-LITE SKN454 F2 6(15 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/15/13	NPD	NPD	1,1	40	0,14/0,20	16	0,11/0,26	0,21	PASS
SGG CLIMAPLUS SECURIT HST COOL-LITE SKN454 F2 6(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/24/6	NPD	NPD	1,2	41	0,14/0,21	17	0,11/0,38	0,22	PASS
SGG CLIMAPLUS SECURIT HST COOL-LITE SKN454 F2 6(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/20/6	NPD	NPD	1,1	41	0,14/0,21	17	0,11/0,38	0,21	PASS
SGG CLIMAPLUS PROTECT SKN165 44.2(24 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	NPD/NPD	40K/40K	9/24/6	NPD	NPD	1,2	59,12	0,16/0,17	27,70	0,25/0,36	0,31	PASS
SGG CLIMAPLUS COOL-LITE SKN165 6(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/6	NPD	NPD	1,1	60,01	0,16/0,17	29,75	0,32/0,36	0,33	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(12 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 F2 44.2(20 argon)33.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/7	NPD	NPD	1,1	59	0,15/0,17	27	0,24/0,31	0,31	PASS
SGG CLIMAPLUS COOL-LITE SKN165 F2 6(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/6	NPD	NPD	1,2	60,01	0,16/0,17	29,75	0,32/0,36	0,33	PASS
SGG CLIMAPLUS COOL-LITE SKN165 F2 6(20 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/20/613	NPD	NPD	1,1	58,07	0,16/0,16	26,88	0,31/0,24	0,33	PASS
SGG CLIMAPLUS ACOUSTIC N F3 5(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/10/4	NPD	NPD	1,9	79,12	0,12/0,12	54,44	0,24/0,24	0,63	PASS
SGG CLIMAPLUS SAFE N F2 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,7	77,11	0,12/0,12	48,70	0,22/0,19	0,57	PASS
SGG CLIMAPLUS 4S F2 4(16 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/5	NPD	NPD	1,4	70,78	0,12/0,13	38,76	0,33/0,33	0,42	PASS
SGG CLIMAPLUS 4S F2 4(24 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/5	NPD	NPD	1,4	70,78	0,12/0,13	38,76	0,33/0,33	0,42	PASS
SGG CLIMAPLUS N F2 6(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	34(-1;-4)	NPD	1,4	79	0,12/0,12	54	0,22/0,25	0,58	PASS
SGG CLIMAPLUS SAFE SILENCE N F2 6(14 air)55.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/10	NPD	NPD	1,5	76,42	0,12/0,12	47,51	0,22/0,18	0,57	PASS
SGG CLIMAPLUS SILENCE SAFE N F2 44.1(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/20/6	NPD	NPD	1,7	77	0,12/0,12	48	0,18/0,21	0,54	PASS
SGG CLIMAPLUS SILENCE ONE F3 12(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/15/9	43(-1;-4)	NPD	1	67	0,21/0,22	36	0,27/0,28	0,45	PASS
SGG CLIMAPLUS PROTECT ONE F3 33.2(15 argon)33.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	7/15/7	NPD	NPD	1,0	68,88	0,22/0,23	39,14	0,30/0,30	0,46	PASS
SGG CLIMAPLUS SILENCE ONE F3 6(15 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/7	NPD	NPD	1,0	69,29	0,22/0,23	39,93	0,35/0,30	0,49	PASS
SGG CLIMAPLUS N ACOUSTIC F3 6(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	NPD	NPD	1,5	79	0,12/0,12	54	0,23/0,24	0,63	PASS
SGG CLIMAPLUS SAFE N F3 33.1(18 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/18/6	NPD	NPD	1,4	78	0,12/0,12	50	0,21/0,22	0,59	PASS
SGG CLIMAPLUS SAFE N F3 33.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/6	NPD	NPD	1,4	78	0,12/0,12	50	0,21/0,22	0,59	PASS
SGG CLIMAPLUS SAFE N F3 33.1 OPALE(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/20/4	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SILENCE COOL-LITE KNT164 F2 4(16 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/6	NPD	NPD	1,7	57,35	0,14/0,10	39,36	0,17/0,15	0,47	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 F2 44.1(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/8	NPD	NPD	1,6	56	0,14/0,10	36	0,14/0,14	0,43	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 F2 64.1(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/12/10	NPD	NPD	1,8	55	0,14/0,10	34	0,13/0,14	0,42	PASS
SGG CLIMAPLUS SAFE SILENCE N F2 6(16 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,4	77,11	0,12/0,12	48,70	0,22/0,19	0,57	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM S F2 8(20 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/20/6	NPD	NPD	1,6	65,26	0,11/0,11	43,76	0,17/0,20	0,49	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS SAFE PLANITHERM S F2 8(20 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/20/6	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 8(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,5	64,48	0,11/0,11	40,71	0,17/0,16	0,49	PASS
SGG CLIMAPLUS SAFE N F2 44.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,7	76	0,12/0,12	47	0,18/0,19	0,54	PASS
SGG CLIMAPLUS N F2 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,5	79	0,12/0,12	55	0,24/0,25	0,59	PASS
SGG CLIMAPLUS SAFE OPALE N F3 66.1(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/8	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT ULTRA N BIOCLEAN 6(15 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/7	NPD	NPD	1,1	75,57	0,15/0,14	47,27	0,25/0,22	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N 55.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	11/15/9	NPD	NPD	1,1	75,42	0,12/0,12	44,52	0,18/0,19	0,54	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 F2 44.2(15 argon)66.4	NPD	NPD	NPD	NPD	NPD	P2A/P4A	1B1/1B1	40K/40K	9/15/14	NPD	NPD	1,1	57	0,15/0,16	26	0,24/0,22	0,31	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 F2 44.2(15 argon)51	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/51	NPD	NPD	1,1	48	0,14/0,12	19	0,24/0,09	0,30	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 F2 6(15 argon)44.2 PARSOL GREEN OPALE	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT SKN165 F2 HN113-S(15 argon)HN113-S	NPD	NPD	NPD	BR1-S/NPD	NPD	P4A/P4A	1B1/1B1	40K/40K	14/15/14	NPD	NPD	1,1	56	0,14/0,16	25	0,19/0,22	0,30	PASS
SGG CLIMAPLUS SECURIT SKN165 F2 HN113-S(15 argon)HN113-S	NPD	NPD	NPD	BR1-S/BR1-S	NPD	P4A/P4A	1C1/1C1	200K/200K	14/15/14	NPD	NPD	1,1	56	0,14/0,16	25	0,19/0,22	0,30	PASS
SGG CLIMAPLUS PROTECT SKN165 F2 HN113-S(15 argon)SP514	NPD	NPD	NPD	BR1-S/NPD	NPD	P4A/P5A	1B1/1B1	40K/40K	14/15/14	NPD	NPD	1,1	55	0,14/0,16	24	0,19/0,21	0,30	PASS
SGG CLIMAPLUS PROTECT SKN165 F2 HN113-S(15 argon)SP615B	NPD	NPD	NPD	BR1-S/NPD	NPD	P4A/P6B	1B1/1B1	40K/40K	14/15/15	NPD	NPD	1,1	55	0,14/0,16	24	0,19/0,20	0,30	PASS
SGG CLIMAPLUS PROTECT SKN165 F2 SP615B(15 argon)6	NPD	NPD	NPD	NPD	NPD	P6B/NPD	1B1/NPD	40K/40K	15/15/6	NPD	NPD	1,1	57	0,14/0,17	26	0,17/0,36	0,30	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN174 II F2 8(15 argon)55.1	NPD	NPD	NPD	NPD	NPD	NPD	(1C2/1C2)/2B2	200K/40K	8/15/10	NPD	NPD	1,4	66,00	0,11/0,12	34,02	0,25/0,23	0,40	PASS
SGG CLIMAPLUS N F3 SILENCE 44.2Si(18 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/18/4	NPD	NPD	1,2	78	0,12/0,12	49	0,18/0,23	0,57	PASS
SGG CLIMAPLUS XTREME 60/28 F2 PROTECT 66.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	40(-1;-4)	NPD	1,0	57	0,13/0,15	23	0,26/0,33	0,27	PASS
SGG CLIMAPLUS ONE F2 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,0	71,00	0,23/0,22	44,10	0,39/0,39	0,47	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 4(20 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/20/6	NPD	NPD	1,3	64,20	0,26/0,24	36,96	0,41/0,33	0,42	PASS
SGG CLIMAPLUS N F2 6(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/4	NPD	NPD	1,9	79	0,12/0,12	54	0,22/0,25	0,58	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE KNT155 F2 6(12 air)56.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/11	NPD	NPD	1,9	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN154 F2 6(12 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/8	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 66.1(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/10/8	NPD	NPD	1,7	61,15	0,24/0,23	32,74	0,28/0,31	0,38	PASS
SGG CLIMAPLUS SAFE 4S F2 44.1(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/14/8	NPD	NPD	1,4	68	0,11/0,13	34	0,25/0,26	0,39	PASS
SGG CLIMAPLUS SAFE 4S F2 6(18 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/18/6	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE 4S F2 6(16 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PROTECT 4S F2 44.1(12 air)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	2B2/1B1	40K/40K	8/12/10	NPD	NPD	1,5	61,72	0,25/0,23	33,17	0,32/0,27	0,39	PASS
SGG CLIMAPLUS SECURIT COOL-LITE ST436 F2 N F3 6(24 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/24/4	NPD	NPD	1,5	27	0,14/0,23	14	0,09/0,30	0,20	PASS
SGG CLIMAPLUS ACOUSTIC N F3 6(24 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/4	NPD	NPD	1,5	79	0,12/0,12	54	0,22/0,25	0,58	PASS
SGG CLIMAPLUS SAFE 4S F2 8(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/12	NPD	NPD	1,3	67,16	0,11/0,12	33,75	0,27/0,22	0,40	PASS
SGG CLIMAPLUS SECURIT TOTAL F2 8(20 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C2	40K/200K	8/20/8	NPD	NPD	1,4	75,90	0,12/0,12	50,22	0,18/0,20	0,57	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	1,4	64,99	0,26/0,24	39,76	0,42/0,40	0,42	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(14 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(14 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS 4S F2 6(18 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/6	NPD	NPD	1,4	69,83	0,12/0,13	37,66	0,30/0,31	0,41	PASS
SGG CLIMAPLUS PROTECT N F2 44.1 (10 air) 33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	2B2/1B1	40K/40K	9/10/7	NPD	NPD	1,9	77	0,12/0,12	47	0,18/0,19	0,54	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN154II F2 8(12 air)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	8/12/8	NPD	NPD	1,5	49,13	0,18/0,26	23,20	0,30/0,40	0,27	PASS
SGG CLIMAPLUS COOL-LITE XTREME 60/28 F3 6(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/10	NPD	NPD	1,0	59	0,16/0,14	25	0,42/0,32	0,40	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 F3 33.4(16 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	8/16/4	NPD	NPD	1,1	76,55	0,10/0,10	43,90	0,20/0,28	0,50	PASS
SGG CLIMAPLUS SAFE SILENCE 4S F2 6(12 air)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/12	NPD	NPD	1,6	67,77	0,12/0,13	34,33	0,30/0,22	0,41	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(12 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/12	NPD	NPD	1,7	63,90	0,11/0,11	39,72	0,18/0,14	0,49	PASS
SGG CLIMAPLUS SAFE N F2 6(12 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/12	NPD	NPD	1,6	75,74	0,12/0,12	46,36	0,22/0,17	0,56	PASS
SGG CLIMAPLUS SAFE 4S F2 8(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/12/8	NPD	NPD	1,6	68,38	0,12/0,13	34,92	0,27/0,26	0,41	PASS
SGG CLIMAPLUS PROTECT 4S F2 44.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	36(-2;-5)	NPD	1,1	68	0,11/0,13	34	0,23/0,24	0,39	PASS
SGG CLIMAPLUS COOL-LITE XTREME 60/28 F2 6(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/10	NPD	NPD	1,0	58,66	0,14/0,16	24,87	0,39/0,34	0,28	PASS
SGG CLIMAPLUS N F2 SAFE 4(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/6	NPD	NPD	1,5	78,52	0,12/0,12	51,27	0,24/0,21	0,58	PASS
SGG CLIMAPLUS PROTECT N F2 4(10 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/10/9	NPD	NPD	1,9	78,28	0,12/0,12	50,44	0,24/0,19	0,58	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN165 F2 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,6	59,83	0,16/0,17	28,49	0,32/0,33	0,33	PASS
SGG CLIMAPLUS SAFE N F2 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,8	77,11	0,12/0,12	48,70	0,22/0,19	0,57	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 6(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,5	63,04	0,26/0,24	35,37	0,38/0,31	0,41	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 4(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/8	NPD	NPD	1,5	63,62	0,26/0,24	36,15	0,41/0,31	0,42	PASS
SGG CLIMAPLUS SAFE COOL-LITE ST136 F2 N F3 8(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/14/8	NPD	NPD	1,5	32	0,19/0,22	19	0,22/0,24	0,28	PASS
SGG CLIMAPLUS SAFE COOL-LITE ST136 F2 N F3 8(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,4	32	0,19/0,22	19	0,22/0,24	0,27	PASS
SGG CLIMAPLUS SAFE SILENCE N F2 4(10 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	1,9	78,52	0,12/0,12	51,27	0,24/0,21	0,58	PASS
SGG CLIMAPLUS ACOUSTIC N F3 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	NPD	NPD	1,5	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS ULTRA N F2 ARENA C 4(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N F2 ARENA C 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N F2 ARENA C 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N F2 6(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/6	NPD	NPD	2,1	78	0,12/0,12	50	0,22/0,21	0,57	PASS
SGG CLIMAPLUS SAFE N F2 4(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	1,9	78,52	0,12/0,12	51,27	0,24/0,21	0,58	PASS
SGG CLIMAPLUS SAFE N F2 4(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	1,5	78,52	0,12/0,12	51,27	0,24/0,21	0,58	PASS
SGG CLIMAPLUS N F2 4(16 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N F2 6(10 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/12	NPD	NPD	1,8	75,74	0,12/0,12	46,36	0,22/0,17	0,56	PASS
SGG CLIMAPLUS SAFE N F2 4(10 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/12	NPD	NPD	1,8	76,42	0,12/0,12	47,51	0,23/0,17	0,58	PASS
SGG CLIMAPLUS ULTRA N F2 ARENA C 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N F2 4(10 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	1,9	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N F2 4(15 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/15/6	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT SAFE PARSOL GREY N F3 6(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/16/8	NPD	NPD	1,4	37	0,06/0,10	26	0,11/0,17	0,36	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT155 F2 4(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,9	47,28	0,17/0,10	30,93	0,20/0,18	0,38	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT155 F2 44.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,9	46	0,17/0,10	28	0,17/0,17	0,35	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN174 F2 44.2(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/15/6	NPD	NPD	1,1	67	0,11/0,12	35	0,22/0,27	0,39	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN174 F2 6(15 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/13	NPD	NPD	1,1	65,81	0,11/0,12	33,64	0,28/0,20	0,41	PASS
SGG CLIMAPLUS COOL-LITE SKN174 F2 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,1	68,62	0,11/0,12	38,09	0,28/0,34	0,41	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(14 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/5	NPD	NPD	1,5	79,49	0,12/0,12	53,95	0,26/0,26	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(10 air)6 ARENA C WIRED	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/6	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(12 air)6 ARENA C WIRED	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(14 air)6 ARENA C WIRED	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(16 air)6 ARENA C WIRED	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(20 air)6 ARENA C WIRED	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/6	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 8(15 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/11	41(-2;-5)	NPD	1,1	75,87	0,12/0,12	45,50	0,22/0,18	0,55	PASS
SGG CLIMAPLUS COOL-LITE ST 136 F2 N F3 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,7	33	0,23/0,20	21	0,20/0,27	0,29	PASS
SGG CLIMAPLUS COOL-LITE XTREME 60/28 F2 6(14 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/5	NPD	NPD	1,1	60,00	0,14/0,16	25,66	0,39/0,44	0,28	PASS
SGG CLIMAPLUS COOL-LITE XTREME 60/28 F2 6(14 argon)5 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/5	NPD	NPD	1,1	59	0,14/0,16	25	0,39/0,42	0,28	PASS
SGG CLIMAPLUS PROTECT ONE F3 44.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	36(-2;-5)	NPD	1,0	67,63	0,21/0,22	37,46	0,28/0,28	0,45	PASS
SGG CLIMAPLUS PROTECT ONE F3 4(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD	40K/40K	4/15/9	NPD	NPD	1,0	69,29	0,22/0,22	39,93	0,38/0,28	0,50	PASS
SGG CLIMAPLUS 4S F2 PROTECT SILENCE 10(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/15/9	NPD	NPD	1,1	67,55	0,11/0,13	33,78	0,24/0,24	0,39	PASS
SGG CLIMAPLUS 4S F2 PROTECT SILENCE 6(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	39(-2;-6)	NPD	1,1	68,79	0,12/0,13	35,08	0,30/0,24	0,41	PASS
SGG CLIMAPLUS PROTECT ONE F3 55.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	36(-2;-5)	NPD	1,0	67,02	0,21/0,22	36,67	0,26/0,28	0,44	PASS
SGG CLIMAPLUS ULTRA N F3 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	1,8	79,85	0,12/0,12	54,69	0,27/0,26	0,62	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 88.2(15 argon)88.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	17/15/17	NPD	NPD	1,1	71	0,11/0,11	38	0,14/0,14	0,51	PASS
SGG CLIMAPLUS ACOUSTIC N F2 ARENA C F4 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	NPD	NPD	1,7	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC COOL-LITE KNT140 F2 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	NPD	NPD	1,8	37,33	0,23/0,12	23,74	0,24/0,26	0,28	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	NPD	NPD	1,4	79,13	0,12/0,12	53,22	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(14 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SILENCE N F2 6(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,8	77,11	0,12/0,12	48,70	0,22/0,19	0,57	PASS
SGG CLIMAPLUS PROTECT N F2 44.1 (10 air) 33.2	A1/NPD	NPD	NPD	NPD	NPD	NPD/P1A	2B2/1B1	40K/40K	9/10/7	NPD	NPD	1,9	77	0,12/0,12	47	0,18/0,19	0,54	PASS
SGG CLIMAPLUS PROTECT SILENCE N F2 44.1 (15 air) 33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/15/6	NPD	NPD	1,4	77	0,12/0,12	48	0,18/0,21	0,54	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 6(15 argon)HN323-S	NPD	NPD	NPD	NPD/BR3-S	NPD	NPD	NPD/1B1	40K/40K	6/15/24	NPD	NPD	1,1	71	0,12/0,11	39	0,24/0,10	0,56	PASS
SGG CLIMAPLUS SAFE 4S F2 55.1(10 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/10/10	NPD	NPD	1,8	67	0,11/0,13	33	0,23/0,24	0,39	PASS
SGG CLIMAPLUS COOL-LITE XTREME F2 60/28 F2 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,5	60,00	0,14/0,16	25,66	0,39/0,44	0,28	PASS
SGG CLIMAPLUS SAFE COOL-LITE XTREME 60/28 F2 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,5	59	0,14/0,16	24	0,39/0,35	0,28	PASS
SGG CLIMAPLUS SAFE COOL-LITE XTREME 60/28 F2 44.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,5	58	0,14/0,16	24	0,32/0,35	0,28	PASS
SGG CLIMAPLUS N F2 ACOUSTIC 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,7	78	0,12/0,12	53	0,22/0,24	0,58	PASS
SGG CLIMAPLUS SAFE N F2 44.1(12 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,7	NPD	NPD	NPD	NPD	0,54	PASS
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE SKN165 II F2 6(14 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/14/9	NPD	NPD	1,4	59	0,16/0,17	28	0,30/0,28	0,33	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP510(12 argon)4	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/12/4	NPD	NPD	1,3	77	0,12/0,12	47	0,16/0,26	0,54	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N 44.2(15 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/1C2	40K/200K	9/15/6	36(-1;-4)	NPD	1,1	77,25	0,12/0,12	47,76	0,19/0,24	0,53	PASS
SGG CLIMAPLUS SECURIT PROTECT 4S 44.2(15 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/1C2	40K/200K	9/15/6	36(-1;-4)	NPD	1,1	68,79	0,12/0,13	35,08	0,23/0,31	0,39	PASS
SGG CLIMAPLUS 4S F2 6(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	NPD	NPD	1,4	69,83	0,12/0,13	37,66	0,30/0,31	0,41	PASS
SGG CLIMAPLUS SILENCE COOL-LITE SKN 074 F2 10(10 argon)66.1Si DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/10/12	NPD	NPD	1,4	69	0,11/0,12	38	0,33/0,32	0,42	PASS
SGG CLIMAPLUS SILENCE COOL-LITE SKN 074 F2 10(12 argon)44.1Si DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/12/8	NPD	NPD	1,3	70	0,11/0,12	39	0,33/0,33	0,42	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN 074 F2 10(16 argon)66.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/16/12	41(-1;-3)	NPD	1,1	70	0,11/0,12	39	0,33/0,33	0,42	PASS
SGG CLIMAPLUS SILENCE COOL-LITE SKN 074 F2 12(16 argon)66.1Si DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	12/16/12	NPD	NPD	1,1	69	0,11/0,12	38	0,32/0,32	0,42	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN 074 F2 55.1(12 argon)44.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/12/9	NPD	NPD	1,3	70	0,11/0,12	38	0,29/0,33	0,41	PASS
SGG CLIMAPLUS PROTECT SAFE COOL-LITE SKN 074 II F2 HN112-S(10 argon)66.1 DIAMANT	NPD	NPD	NPD	BR1-S/NPD	NPD	P4A/NPD	1B1/2B2	40K/40K	12/10/12	NPD	NPD	1,4	69	0,11/0,12	37	0,25/0,31	0,40	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 065 F2 64.4(16 argon)55.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	1B1/2B2	40K/40K	12/16/10	NPD	NPD	1,1	61	0,16/0,17	29	0,28/0,38	0,32	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN 074 F2 66.1(16 argon)65.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/11	NPD	NPD	1,1	69	0,11/0,12	38	0,29/0,32	0,41	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 065 F2 88.4(16 argon)66.1Si DIAMANT	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/2B2	40K/40K	18/16/12	NPD	NPD	1,1	60	0,16/0,17	28	0,26/0,37	0,31	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(24 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/24/4	NPD	NPD	1,3	64,99	0,26/0,24	39,76	0,42/0,40	0,42	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM 4S F2 6(24 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/4	NPD	NPD	1,3	64,39	0,26/0,24	38,80	0,38/0,40	0,42	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(24 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/24/6	NPD	NPD	1,3	64,40	0,26/0,24	38,80	0,42/0,37	0,42	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(24 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/24/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(24 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/24/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	1,8	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 4(10 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/10/7	NPD	NPD	1,8	78,66	0,12/0,12	50,23	0,26/0,21	0,58	PASS
SGG CLIMALPLUS SAFE COOL-LITE KNT 140 F2 6(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/6	NPD	NPD	2,0	36,89	0,23/0,12	22,08	0,24/0,21	0,28	PASS
SGG CLIMALPLUS SECURIT SAFE COLOR COOL-LITE KNT 140 F2 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/6	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,5	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS ULTRA N F3 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,4	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	NPD	NPD	1,3	64,99	0,26/0,24	39,76	0,42/0,40	0,42	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM S F2 6(12 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE SILENCE N F2 8(15 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/15/8	NPD	NPD	1,4	76,42	0,12/0,12	47,50	0,20/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE N F2 10(12 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD	P2A/1B1	40K/40K	10/12/9	NPD	NPD	1,6	75,49	0,12/0,12	45,29	0,18/0,18	0,54	PASS
SGG CLIMAPLUS SILENCE SAFE COOL-LITE SKN 074 F2 88.1(16 argon)66.1Si DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	16/16/12	NPD	NPD	1,1	69	0,11/0,12	37	0,27/0,31	0,40	PASS
SGG CLIMAPLUS SILENCE SAFE COOL-LITE SKN 065 F2 88.1(16 argon)66.1Si DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	16/16/12	NPD	NPD	1,1	60	0,16/0,17	29	0,31/0,37	0,32	PASS
SGG CLIMAPLUS SECURIT PROTECT SILENCE COOL-LITE SKN 065 F2 HN112-S(16 argon)66.1Si DIAMANT	NPD	NPD	NPD	BR1-S/NPD	NPD	P4A/NPD	1B1/2B2	40K/40K	12/16/12	NPD	NPD	1,1	60	0,16/0,17	29	0,28/0,37	0,32	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	1,0	64,99	0,26/0,24	39,76	0,42/0,40	0,42	PASS
SGG CLIMAPLUS ACOUSTIC COOL-LITE SKN 154 F2 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,2	50,46	0,18/0,22	24,44	0,34/0,42	0,27	PASS
SGG CLIMAPLUS ACOUSTIC COOL-LITE SKN 154 F2 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,0	50,46	0,18/0,22	24,44	0,34/0,42	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 F2 6(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,2	50	0,18/0,23	24	0,34/0,40	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 F2 6(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,0	50	0,18/0,23	24	0,34/0,40	0,27	PASS
SGG CLIMAPLUS BIOCLEAN F1 COOL-LITE SKN 154 F2 6(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,2	49	0,20/0,24	23	0,34/0,41	0,26	PASS
SGG CLIMAPLUS BIOCLEAN F1 COOL-LITE SKN 154 F2 6(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,0	49	0,20/0,24	23	0,34/0,41	0,26	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 F2 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,2	50,01	0,18/0,22	24,05	0,34/0,38	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 F2 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	NPD	NPD	1,0	50,01	0,18/0,22	24,05	0,34/0,38	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 F2 6(12 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/10	NPD	NPD	1,2	49,12	0,18/0,21	23,28	0,34/0,32	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 F2 6(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/10	NPD	NPD	1,0	49,12	0,18/0,21	23,28	0,34/0,32	0,27	PASS
SGG CLIMAPLUS BIOCLEAN F1 COOL-LITE SKN 154 F2 6(12 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,2	48	0,20/0,23	22	0,34/0,32	0,26	PASS
SGG CLIMAPLUS BIOCLEAN F1 COOL-LITE SKN 154 F2 6(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/10	NPD	NPD	1,0	48	0,20/0,23	22	0,34/0,32	0,26	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 F2 8(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/6	NPD	NPD	1,2	49,56	0,18/0,22	23,68	0,31/0,38	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 F2 8(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/6	NPD	NPD	1,0	49,56	0,18/0,22	23,68	0,31/0,38	0,27	PASS
SGG CLIMAPLUS BIOCLEAN F1 COOL-LITE SKN 154 F2 8(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/6	NPD	NPD	1,2	48	0,20/0,24	23	0,32/0,39	0,26	PASS
SGG CLIMAPLUS BIOCLEAN F1 COOL-LITE SKN 154 F2 8(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/6	NPD	NPD	1,0	48	0,20/0,24	23	0,32/0,39	0,26	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS PROTECT COOL-LITE SKN 154 F2 6(12 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/7	NPD	NPD	1,2	49,71	0,18/0,22	22,76	0,34/0,33	0,27	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 154 F2 6(15 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/7	NPD	NPD	1,0	49,71	0,18/0,22	22,76	0,34/0,33	0,27	PASS
SGG CLIMAPLUS PROTECT BIOCLEAN F1 COOL-LITE SKN 154 F2 6(12 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/7	NPD	NPD	1,2	48	0,20/0,24	22	0,34/0,34	0,26	PASS
SGG CLIMAPLUS PROTECT BIOCLEAN F1 COOL-LITE SKN 154 F2 6(15 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/7	NPD	NPD	1,0	48	0,20/0,24	22	0,34/0,34	0,26	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 154 F2 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,2	49,26	0,18/0,21	22,43	0,34/0,31	0,27	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 154 F2 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,0	49,26	0,18/0,21	22,43	0,34/0,31	0,27	PASS
SGG CLIMAPLUS PROTECT BIOCLEAN F1 COOL-LITE SKN 154 F2 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,2	48	0,20/0,23	22	0,34/0,32	0,26	PASS
SGG CLIMAPLUS PROTECT BIOCLEAN F1 COOL-LITE SKN 154 F2 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,0	48	0,20/0,23	22	0,34/0,32	0,26	PASS
SGG CLIMAPLUS PROTECT SILENCE COOL-LITE SKN 154 F2 6(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	39(-1;-5)	NPD	1,2	49,26	0,18/0,21	22,43	0,34/0,31	0,27	PASS
SGG CLIMAPLUS PROTECT SILENCE COOL-LITE SKN 154 F2 6(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	39(-2;-6)	NPD	1,0	49,26	0,18/0,21	22,43	0,34/0,31	0,27	PASS
SGG CLIMAPLUS PROTECT SILENCE BIOCLEAN F1 COOL-LITE SKN 154 F2 6(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	39(-1;-5)	NPD	1,2	48	0,20/0,23	22	0,34/0,32	0,26	PASS
SGG CLIMAPLUS PROTECT SILENCE BIOCLEAN F1 COOL-LITE SKN 154 F2 6(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	39(-2;-6)	NPD	1,0	48	0,20/0,23	22	0,34/0,32	0,26	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 154 F2 6(12 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/11	NPD	NPD	1,2	48,83	0,18/0,21	22,11	0,34/0,29	0,27	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 154 F2 6(15 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	NPD	NPD	1,0	48,83	0,18/0,21	22,11	0,34/0,29	0,27	PASS
SGG CLIMAPLUS PROTECT BIOCLEAN F1 COOL-LITE SKN 154 F2 6(12 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/11	NPD	NPD	1,2	47	0,20/0,23	21	0,34/0,29	0,26	PASS
SGG CLIMAPLUS PROTECT BIOCLEAN F1 COOL-LITE SKN 154 F2 6(15 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	NPD	NPD	1,0	47	0,20/0,23	21	0,34/0,29	0,26	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 154 F2 6(12 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/13	NPD	NPD	1,2	48,39	0,18/0,21	21,80	0,34/0,27	0,27	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 154 F2 6(15 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/13	NPD	NPD	1,0	48,39	0,18/0,21	21,80	0,34/0,27	0,27	PASS
SGG CLIMAPLUS PROTECT BIOCLEAN F1 COOL-LITE SKN 154 F2 6(12 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/11	NPD	NPD	1,2	47	0,20/0,23	21	0,34/0,27	0,26	PASS
SGG CLIMAPLUS PROTECT BIOCLEAN F1 COOL-LITE SKN 154 F2 6(15 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	NPD	NPD	1,0	47	0,20/0,23	21	0,34/0,27	0,26	PASS
SGG CLIMAPLUS PROTECT SILENCE COOL-LITE SKN 154 F2 6(12 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/13	NPD	NPD	1,2	48,39	0,18/0,21	21,80	0,34/0,27	0,27	PASS
SGG CLIMAPLUS PROTECT SILENCE COOL-LITE SKN 154 F2 6(15 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/13	NPD	NPD	1,0	48,39	0,18/0,21	21,80	0,34/0,27	0,27	PASS
SGG CLIMAPLUS PROTECT SILENCE BIOCLEAN F1 COOL-LITE SKN 154 F2 6(12 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/11	NPD	NPD	1,2	47	0,20/0,23	21	0,34/0,27	0,26	PASS
SGG CLIMAPLUS PROTECT SILENCE BIOCLEAN F1 COOL-LITE SKN 154 F2 6(15 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	NPD	NPD	1,0	47	0,20/0,23	21	0,34/0,27	0,26	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 154 F2 8(12 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/12/11	NPD	NPD	1,2	48,39	0,18/0,21	21,80	0,31/0,29	0,27	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 154 F2 8(15 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/11	NPD	NPD	1,0	48,39	0,18/0,21	21,80	0,31/0,29	0,26	PASS
SGG CLIMAPLUS PROTECT BIOCLEAN F1 COOL-LITE SKN 154 F2 8(12 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/11	NPD	NPD	1,2	47	0,20/0,23	21	0,32/0,29	0,26	PASS
SGG CLIMAPLUS PROTECT BIOCLEAN F1 COOL-LITE SKN 154 F2 8(15 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/12/11	NPD	NPD	1,0	47	0,20/0,23	21	0,32/0,29	0,26	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 44.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,6	76,56	0,12/0,12	46,60	0,20/0,20	0,56	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,6	77,48	0,12/0,12	48,49	0,24/0,20	0,60	PASS
SGG CLIMAPLUS ULTRA N F3 10(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/10/6	NPD	NPD	1,6	76,99	0,12/0,12	48,88	0,20/0,24	0,57	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 6(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,4	77,48	0,12/0,12	48,49	0,24/0,20	0,60	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(14 air)44.1 COLOR GREEN	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/8	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(14 air)44.1 COLOR GREEN	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/14/8	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 66.2Si(15 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/13	47(-2;-6)	NPD	1,1	73,41	0,11/0,11	41,57	0,16/0,16	0,53	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F3 6(16 air)SP615	NPD	NPD	NPD	NPD	NPD	NPD/P6B	1C3/1B1	200K/40K	6/16/15	NPD	NPD	1,4	76,79	0,12/0,12	46,71	0,24/0,17	0,60	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/8	NPD	NPD	2,1	78,18	0,12/0,12	49,72	0,26/0,20	0,57	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(8 air)44.1 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/8	NPD	NPD	2,1	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N F2 4(12 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,6	78,18	0,12/0,12	49,72	0,24/0,22	0,56	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F3 6(8 air)SP615	NPD	NPD	NPD	NPD	NPD	NPD/P6B	1C2/1B1	200K/40K	6/8/15	NPD	NPD	2,1	76,79	0,12/0,12	46,71	0,24/0,17	0,59	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/4	NPD	NPD	1,4	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F3 6(16 argon)SP615	NPD	NPD	NPD	NPD	NPD	NPD/P6B	1C3/1B1	200K/40K	6/16/15	NPD	NPD	1,1	76,79	0,12/0,12	46,71	0,24/0,17	0,60	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F3 6(8 argon)SP615	NPD	NPD	NPD	NPD	NPD	NPD/P6B	1C3/1B1	200K/40K	6/8/15	NPD	NPD	1,7	76,79	0,12/0,12	46,71	0,24/0,17	0,60	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 6(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,6	66,44	0,11/0,11	46,19	0,19/0,21	0,50	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(18 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/18/6	NPD	NPD	1,6	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 6(18 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,6	66	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 66.1(15 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/1B1	40K/40K	6/15/13	NPD	NPD	1,1	73,63	0,11/0,11	41,98	0,17/0,16	0,50	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 66.1(15 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/1B1	40K/40K	6/15/13	NPD	NPD	1,4	74	0,11/0,11	42	0,17/0,16	0,51	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/6	NPD	NPD	1,7	62,85	0,25/0,24	34,86	0,32/0,33	0,39	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(10 air)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/10/8	NPD	NPD	1,8	75,41	0,12/0,12	45,10	0,17/0,22	0,51	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(10 air)8 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/10/8	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 66.1(15 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/15/10	NPD	NPD	1,5	62,58	0,11/0,11	37,25	0,14/0,15	0,45	PASS
SGG CLIMAPLUS PROTECT 4S F2 4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/16/9	37(-2;-6)	NPD	1,1	69,41	0,12/0,13	35,70	0,33/0,25	0,41	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/6	NPD	NPD	1,8	64,87	0,11/0,11	41,04	0,15/0,17	0,47	PASS
SGG CLIMAPLUS ULTRA N F2 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-4)	NPD	1,1	79,85	0,12/0,12	54,69	0,26/0,27	0,58	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,6	66,44	0,11/0,11	46,19	0,20/0,20	0,52	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 66.1(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/12/4	NPD	NPD	1,6	76,78	0,12/0,12	47,31	0,18/0,26	0,54	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/20/4	NPD	NPD	1,4	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,6	79,13	0,12/0,12	53,22	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(12 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 ACOUSTIC 6(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	35(-1;-5)	NPD	1,3	64,39	0,26/0,24	38,80	0,38/0,40	0,42	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN174 II F2 8(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	(1C2/1C2)/2B2	200K/40K	8/12/10	NPD	NPD	1,6	66,00	0,11/0,12	34,02	0,25/0,23	0,40	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(16 argon)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/12	NPD	NPD	1,1	75,19	0,12/0,11	44,44	0,20/0,17	0,53	PASS
SGG CLIMAPLUS SAFE BIOCLEAN F1 ULTRA N F3 44.1(16 argon)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/12	NPD	NPD	1,1	72,88	0,14/0,14	42,89	0,22/0,18	0,54	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	34(-1;-5)	NPD	1,4	79	0,12/0,12	53	0,25/0,26	0,61	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/8/8	NPD	NPD	2,0	62,28	0,25/0,23	34,12	0,32/0,31	0,39	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/12/4	NPD	NPD	1,5	63,62	0,25/0,24	36,14	0,32/0,40	0,39	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN165 II F2 8(12 argon)66.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/12/12	NPD	NPD	1,2	58	0,16/0,16	27	0,27/0,25	0,32	PASS
SGG CLIMAPLUS PROTECT SKN065 F2 HN113-S(16 argon)55.1 DIAMANT	NPD	NPD	NPD	BR1-S/NPD	NPD	P4A/NPD	1B1/1B1	40K/40K	14/16/10	NPD	NPD	1,1	60	0,16/0,17	29	0,28/0,38	0,32	PASS
SGG CLIMAPLUS ACOUSTIC S F3 PARSOL GREY 6(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	34(-1;-4)	NPD	1,5	32	0,06/0,10	25	0,10/0,19	0,38	PASS
SGG CLIMAPLUS PLANITHERM S F2 SILENCE 6(10 air)55.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/10	NPD	NPD	1,9	64,48	0,11/0,11	40,71	0,18/0,15	0,50	PASS
SGG CLIMAPLUS SAFE REFLECTASOL F2 PLANITHERM S F3 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,8	24	0,46/0,36	20	0,43/0,28	0,34	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 33.2(8 air)6	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/8/6	NPD	NPD	2,1	77,95	0,12/0,12	48,96	0,21/0,24	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,6	78,77	0,12/0,12	52,52	0,24/0,26	0,57	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 F2 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,9	56,84	0,14/0,10	38,30	0,16/0,15	0,46	PASS
SGG CLIMAPLUS SAFE N F3 6(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,4	77,00	0,12/0,12	49	0,23/0,18	0,62	PASS

CE

Leistungserklärung
Nr.: LE40000000

C.Bergmann KG, Bergmann Platz 1, A-4050 Traun

C.Bergmann

EN 1279-5:2006+A2:2010

Isolierglas zur Verwendung in Gebäuden und Bauwerken

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS PLANITHERM 4S F2 ACOUSTIC 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,4	64,39	0,26/0,24	38,80	0,38/0,40	0,42	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 55.2(14 argon)SP510	NPD	NPD	NPD	NPD	NPD	P2A/P5A	1B1/1B1	40K/40K	11/14/10	NPD	NPD	1,1	75	0,11/0,12	43	0,18/0,16	0,54	PASS
SGG CLIMAPLUS ULTRA N F3 PARSOL GREY 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,4	49	0,07/0,10	36	0,16/0,26	0,43	PASS
SGG CLIMAPLUS ULTRA N F3 PARSOL GREY 4(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,5	49	0,07/0,10	36	0,16/0,26	0,43	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/6	33(-1;-3)	NPD	1,8	79,13	0,12/0,12	53,22	0,26/0,25	0,58	PASS
SGG CLIMAPLUS ACOUSTIC REFLECTASOL F2 ULTRA N F3 5(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/16/4	NPD	NPD	1,4	29,01	0,47/0,49	26,47	0,48/0,46	0,32	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(16 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT 155 F2 S F3 66.1(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/8	NPD	NPD	1,4	37	0,15/0,08	20	0,15/0,16	0,31	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 6(18 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/18/6	NPD	NPD	1,3	63,62	0,26/0,24	36,14	0,38/0,33	0,41	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 6(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/18/6	NPD	NPD	1,7	63,62	0,26/0,24	36,14	0,38/0,33	0,41	PASS
SGG CLIMAPLUS ULTRA N F2 ARENA C 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 ARENA C 44.1(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/10/4	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(14 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(12 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	4/12/6	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/6	NPD	NPD	1,6	77	0,12/0,12	48	0,20/0,22	0,54	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 4(10 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	1,8	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS PLANITHERM ONE F2 F3 4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	0,9	62,25	0,29/0,29	34,78	0,45/0,45	0,39	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(10 air)55.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/10	NPD	NPD	1,8	76,78	0,12/0,12	47,31	0,24/0,19	0,56	PASS
SGG CLIMAPLUS SECURIT-H PROTECT ONE F3 6(16 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/16/10	NPD	NPD	1,0	68,25	0,22/0,22	38,29	0,35/0,26	0,48	PASS
SGG CLIMAPLUS SECURIT-H PROTECT ALARM ONE F3 6(16 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/16/10	NPD	NPD	1,0	68	0,22/0,22	38	0,35/0,26	0,49	PASS
SGG CLIMAPLUS SECURIT-H PROTECT COOL-LITE SKN154 II F2 8(16 argon)88.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	1C1/1B1	200K/40K	8/16/18	NPD	NPD	1,0	46,83	0,18/0,24	20,54	0,30/0,24	0,26	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN 074 F2 55.1(14 argon)44.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/14/8	NPD	NPD	1,1	70	0,11/0,12	38	0,29/0,33	0,41	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN 074 F2 65.1(16 argon)66.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	11/16/12	NPD	NPD	1,1	69	0,11/0,12	38	0,29/0,31	0,41	PASS
SGG CLIMAPLUS SAFE SILENCE COOL-LITE SKN 065 F2 66.1(16 argon)66.1Si DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/12	NPD	NPD	1,1	61	0,16/0,17	29	0,32/0,37	0,33	PASS
SGG CLIMAPLUS SAFE SILENCE COOL-LITE SKN 074 F2 10(16 argon)66.1Si DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/16/12	41(-1;-3)	NPD	1,1	69	0,11/0,12	38	0,33/0,32	0,42	PASS
SGG CLIMAPLUS SAFE SILENCE COOL-LITE SKN 074 F2 10(14 argon)44.1Si DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/14/8	NPD	NPD	1,1	70	0,11/0,12	39	0,33/0,33	0,42	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 44.1(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/14/4	NPD	NPD	1,5	78,18	0,12/0,12	49,72	0,20/0,26	0,57	PASS
SGG CLIMAPLUS ULTRA N F3 ACOUSTIC 8(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/6	36(-1;-4)	NPD	1,1	77,71	0,12/0,12	50,50	0,23/0,24	0,59	PASS
SGG CLIMAPLUS SAFE SILENCE ULTRA N F2 4(8 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/6	NPD	NPD	2,1	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1 OPALE(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 33.1(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/16/6	NPD	NPD	1,4	78	0,12/0,12	49	0,22/0,22	0,55	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 4(12 air)55.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/10	NPD	NPD	1,6	77,48	0,12/0,12	48,49	0,26/0,19	0,57	PASS
SGG CLIMAPLUS SAFE COOL-LITE ST150 F2 ULTRA N F3 6(12air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1B1	40K/40K	6/12/8	NPD	NPD	1,6	44,47	0,19/0,19	27,59	0,20/0,24	0,36	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 F2 6(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/8	NPD	NPD	1,7	56,33	0,14/0,10	37,29	0,16/0,14	0,45	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 F2 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,9	56,33	0,14/0,10	37,29	0,16/0,14	0,46	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(10 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/12	NPD	NPD	1,8	76,78	0,12/0,12	47,31	0,26/0,18	0,57	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(10 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/12	NPD	NPD	1,8	76,10	0,12/0,12	46,18	0,24/0,18	0,56	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 4(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/15/9	NPD	NPD	1,1	77,95	0,12/0,12	48,96	0,26/0,19	0,58	PASS
SGG CLIMAPLUS SILENCE ONE F3 8(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/9	36(-1;-5)	NPD	1,0	68,04	0,21/0,22	38,20	0,33/0,28	0,47	PASS
SGG CLIMAPLUS SILENCE ONE F3 44.2Si(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	42(-2;-6)	NPD	1,0	67,63	0,21/0,22	37,46	0,28/0,28	0,45	PASS
SGG CLIMAPLUS PROTECT ONE F3 66.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	40(-1;-4)	NPD	1,0	66,41	0,21/0,22	35,92	0,24/0,28	0,44	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(15 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/15/8	NPD	NPD	1,4	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS SECURIT SAFE ULTRA N II F2 8(16 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	8/16/10	NPD	NPD	1,3	76,09	0,12/0,12	46,23	0,22/0,19	0,55	PASS
SGG CLIMAPLUS SECURIT SAFE ULTRA N II F2 8(16 air)55.1OPALE	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	8/16/10	NPD	NPD	1,3	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/6	NPD	NPD	1,1	77,25	0,12/0,12	47,75	0,20/0,22	0,53	PASS
SGG CLIMAPLUS ACOUSTIC ONE F3 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,0	70,35	0,22/0,23	43,04	0,36/0,39	0,49	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(16 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/10	NPD	NPD	1,3	61,71	0,25/0,23	33,42	0,32/0,29	0,39	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 44.1(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/12/4	NPD	NPD	1,6	78,18	0,12/0,12	49,72	0,20/0,26	0,57	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 44.1Si(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/12/4	NPD	NPD	1,6	78,18	0,12/0,12	49,72	0,20/0,26	0,57	PASS
SGG CLIMAPLUS ULTRA N F2 SWS 4(16 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/5	NPD	NPD	1,1	79,49	0,12/0,12	53,95	0,26/0,26	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 666.2(12 air)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	19/12/6	NPD	NPD	1,6	76,10	0,12/0,12	46,18	0,18/0,24	0,54	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 4(14 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,5	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 10(15 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/15/13	NPD	NPD	1,1	74,50	0,12/0,12	43,13	0,20/0,16	0,57	PASS
SGG CLIMAPLUS SILENCE SAFE ULTRA N F2 4(14 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,5	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 55.1(20 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/20/10	NPD	NPD	1,5	63,14	0,11/0,11	38,14	0,14/0,15	0,46	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(16 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/10	NPD	NPD	1,3	75	0,12/0,11	43	0,17/0,19	0,51	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/8	NPD	NPD	1,8	78,18	0,12/0,12	49,72	0,26/0,20	0,57	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F2 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/12/6	NPD	NPD	1,6	78,41	0,12/0,12	51,89	0,24/0,25	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(16 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/8	36(-2;-5)	NPD	1,4	78,42	0,12/0,12	51,83	0,26/0,23	0,58	PASS
SGG CLIMAPLUS SKN 174 F2 88.1(14 air)66.1 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	16/14/12	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT-H PROTECT ULTRA N F3 55.2(20 argon)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/(1C2/1C2*)	40K/200K	11/20/8	NPD	NPD	1,1	75,87	0,12/0,12	45,50	0,18/0,22	0,54	PASS
SGG CLIMAPLUS COOL-LITE SS 120 F2 S F3 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,8	15,02	0,24/0,25	10,01	0,24/0,28	0,18	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SS 120 F2 S F3 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/12/6	NPD	NPD	1,8	15,02	0,24/0,25	10,01	0,24/0,28	0,18	PASS
SGG CLIMAPLUS SAFE COOL-LITE SS 120 F2 S F3 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,9	15	0,24/0,24	9	0,24/0,24	0,18	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 44.1(12 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	2B2/1B1	40K/40K	8/12/11	NPD	NPD	1,6	76	0,12/0,12	45	0,20/0,18	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 44.2(12 air)55.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/12/11	NPD	NPD	1,6	75	0,12/0,12	45	0,19/0,19	0,52	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 44.2(12 argon)55.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/12/11	NPD	NPD	1,3	75,42	0,12/0,12	44,52	0,19/0,18	0,52	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 F3 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,5	51	0,32/0,31	26	0,44/0,37	0,34	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	1,4	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(12 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,61	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE SILENCE PLANITHERM S F2 6(18 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/18/6	NPD	NPD	1,6	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 44.1(14 air)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	2B2/1B1	40K/40K	8/14/10	NPD	NPD	1,4	76	0,12/0,12	45	0,20/0,17	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE SKN065 F2 HN113-S(16 argon)55.1Si DIAMANT	NPD	NPD	NPD	BR1-S/NPD	NPD	P4A/P2A	1B1/1B1	40K/40K	14/16/10	NPD	NPD	1,1	60	0,16/0,17	29	0,28/0,38	0,31	PASS
SGG CLIMAPLUS PROTECT SILENCE SKN065 F2 88.4(20 argon)66.2Si DIAMANT*	NPD	NPD	NPD	NPD	NPD	P4A/P2A	1B1/1B1	40K/40K	18/20/13	NPD	NPD	1,1	60	0,16/0,17	28	0,26/0,35	0,31	PASS
SGG CLIMAPLUS SILENCE SKN074 F2 66.1(14 argon)44.1Si DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/14/8	NPD	NPD	1,1	69	0,11/0,12	38	0,29/0,33	0,40	PASS
SGG CLIMAPLUS PROTECT SILENCE SKN074 F2 88.2Si(20 argon)66.1Si DIAMANT	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	17/20/12	NPD	NPD	1,1	68	0,11/0,12	37	0,26/0,31	0,40	PASS
SGG CLIMAPLUS SILENCE SKN074 F2 66.1Si(16 argon)65.1Si DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/11	NPD	NPD	1,1	69	0,11/0,12	38	0,29/0,32	0,40	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS SILENCE COOL-LITE SKN 074 F2 10(20 argon)44.1Si DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/20/8	NPD	NPD	1,1	70	0,11/0,12	39	0,33/0,33	0,42	PASS
SGG CLIMAPLUS SILENCE PROTECT COOL-LITE SKN 074 F2 12(20 argon)88.2Si DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/20/17	NPD	NPD	1,1	69	0,11/0,12	37	0,32/0,28	0,42	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F3 44.1(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/18/4	NPD	NPD	1,3	63,62	0,24/0,26	36,15	0,31/0,41	0,44	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F3 44.1(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/4	NPD	NPD	1,3	63,62	0,24/0,26	36,15	0,31/0,41	0,44	PASS
SGG CLIMAPLUS PROTECT ANTELIO SILVER F1 ULTRA N F3 64.2(12 krypton)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	11/12/6	NPD	NPD	1,1	57	0,33/0,28	36	0,33/0,32	0,43	PASS
SGG CLIMAPLUS SECURIT-H PROTECT COOL-LITE SKN154 II F2 8(16 argon)66.4 PLANIDUR	NPD	NPD	NPD	NPD	NPD	NPD/P4A	1C2/1B1	200K/100K	8/16/14	NPD	NPD	1,0	47,68	0,18/0,24	21,13	0,30/0,28	0,26	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 4(16 air)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	4/16/10	NPD	NPD	1,4	77,49	0,12/0,12	47,88	0,26/0,17	0,61	PASS
SGG CLIMAPLUS SECURIT-H PROTECT ONE F3 6(16 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/16/10	NPD	NPD	1,0	68,25	0,22/0,22	38,29	0,35/0,26	0,48	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 6(16 air)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/16/10	NPD	NPD	1,4	76,79	0,12/0,12	46,71	0,24/0,17	0,60	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 8(16 air)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	8/16/10	NPD	NPD	1,3	76,10	0,12/0,12	45,59	0,22/0,17	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 8(16 air)55.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	8/16/12	NPD	NPD	1,3	75,42	0,12/0,12	44,52	0,22/0,16	0,58	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN165 II F2 8(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/16/8	NPD	NPD	1,3	59,29	0,16/0,17	27,95	0,30/0,30	0,33	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN165 II F2 8(12 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/12/12	NPD	NPD	1,5	58,24	0,16/0,16	27,13	0,30/0,25	0,33	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 F2 88.1(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	16/12/10	NPD	NPD	1,8	53	0,13/0,10	32	0,11/0,13	0,39	PASS
SGG CLIMAPLUS SILENCE PLANITHERM S F2 6(14 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/8	NPD	NPD	1,6	65,06	0,11/0,11	41,75	0,18/0,16	0,50	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,6	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/6	NPD	NPD	1,8	78,18	0,12/0,12	49,72	0,24/0,22	0,56	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/8	NPD	NPD	2,1	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(10 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/6	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN174 F2 10(24 argon)1010.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	10/24/22	NPD	NPD	1,1	62	0,10/0,11	30	0,23/0,13	0,39	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN174 F2 10(15 argon)101010.8	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1B1	40K/40K	10/15/33	NPD	NPD	1,1	62,00	0,10/0,11	29,66	0,23/0,13	0,39	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN174 II F2 8(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	(1C2/1C2)/2B2	200K/40K	8/16/12	NPD	NPD	1,3	65,41	0,11/0,12	33,44	0,25/0,21	0,40	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN174 II F2 8(16 air)66.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	(1C2/1C2)/2B2	200K/40K	8/16/12	NPD	NPD	1,3	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN174 II F2 8(24 air)66.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	(1C2/1C2)/2B2	200K/40K	8/24/12	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN174 II F2 8(24 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	(1C2/1C2)/2B2	200K/40K	8/24/12	NPD	NPD	1,4	65,41	0,11/0,12	33,44	0,25/0,21	0,40	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	38(-1;-4)	NPD	1,6	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 44.1Si(16 argon*)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/10	43(-1;-5)	NPD	1,1	76	0,12/0,12	46	0,20/0,20	0,56	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/14/6	NPD	NPD	1,6	64,87	0,11/0,11	41,04	0,15/0,17	0,47	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/14/6	NPD	NPD	1,3	65	0,11/0,11	41	0,15/0,17	0,47	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/6	NPD	NPD	1,8	64,40	0,26/0,24	38,80	0,42/0,37	0,42	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	33(-1;-4)	NPD	1,5	64,40	0,26/0,24	38,80	0,42/0,37	0,42	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 4(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,4	64,20	0,26/0,24	36,96	0,41/0,33	0,42	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN165 II F2 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/6	NPD	NPD	1,5	59,83	0,16/0,17	28,38	0,30/0,33	0,33	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 5(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/6	NPD	NPD	1,6	78,77	0,12/0,12	52,52	0,26/0,24	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 5(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/6	NPD	NPD	1,4	78,77	0,12/0,12	52,52	0,26/0,24	0,61	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/6	NPD	NPD	1,8	77	0,12/0,12	48	0,20/0,22	0,53	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 ARENA C 4(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(20 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/5	NPD	NPD	1,4	70,14	0,12/0,13	38,02	0,30/0,33	0,41	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 5(9 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	NPD	NPD	1,1	79	0,12/0,12	54	0,26/0,26	0,62	PASS
SGG CLIMAPLUS PROTECT PLANISTAR SUN F2 8(18 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/18/11	NPD	NPD	1,0	68	0,13/0,14	31	0,29/0,25	0,37	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/5	NPD	NPD	1,6	79,49	0,12/0,12	53,95	0,26/0,26	0,58	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1(10 air)55.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/10	NPD	NPD	1,8	76	0,12/0,12	45	0,20/0,19	0,53	PASS
SGG CLIMAPLUS SAFE 4S F2 6(10 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/12	NPD	NPD	1,8	67,77	0,12/0,13	34,33	0,30/0,22	0,41	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1Si(12 air)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/12	NPD	NPD	1,6	75	0,12/0,11	44	0,20/0,17	0,53	PASS
SGG CLIMAPLUS SILENCE 4S F2 66.1Si(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/10/8	NPD	NPD	1,8	67	0,11/0,13	33	0,21/0,26	0,39	PASS
SGG CLIMAPLUS SILENCE 4S F2 55.1Si(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/10/8	NPD	NPD	1,8	68	0,11/0,13	34	0,23/0,26	0,39	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/12/4	NPD	NPD	1,8	65,65	0,11/0,11	42,83	0,16/0,21	0,48	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 REFLECTASOL F2 5 (15 air) 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/4	NPD	NPD	1,4	29	0,47/0,49	26	0,48/0,46	0,32	PASS
SGG CLIMAPLUS SECURIT SAFE STB 136 F2 ULTRA N F3 6(20 air)64.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1B1	200K/40K	6/20/10	NPD	NPD	1,4	31,10	0,18/0,18	18,83	0,18/0,24	0,27	PASS
SGG CLIMAPLUS SILENCE 4S F2 6(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,3	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 8(18 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/18/11	NPD	NPD	1,1	76	0,12/0,12	45	0,22/0,18	0,55	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 ARENA C 44.1(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/14/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 6(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/6	NPD	NPD	1,4	63,81	0,26/0,24	37,89	0,38/0,37	0,42	PASS
SGG CLIMAPLUS SILENCE 4S F2 6(10 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,4	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 8(15 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/15/8	NPD	NPD	1,4	76,78	0,12/0,12	47,31	0,22/0,20	0,55	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 8(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/14/8	NPD	NPD	1,4	76,78	0,12/0,12	47,31	0,22/0,20	0,55	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 4(18 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/18/8	NPD	NPD	1,4	78,18	0,12/0,12	49,72	0,26/0,20	0,58	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 8(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/12/10	NPD	NPD	1,6	76,10	0,12/0,12	46,18	0,22/0,19	0,55	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 8(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/18/4	NPD	NPD	1,4	78,42	0,12/0,12	51,83	0,22/0,27	0,56	PASS
SGG CLIMAPLUS SILENCE PLANITHERM S F2 4(20 air)44.1 Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/20/8	NPD	NPD	1,6	65,65	0,11/0,11	42,83	0,20/0,16	0,51	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 4(20 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/20/8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE 4S F2 44.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,6	68	0,11/0,13	34	0,25/0,26	0,39	PASS
SGG CLIMAPLUS PROTECT N F2 4(12 air)666.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/8/8	NPD	NPD	1,6	76,42	0,12/0,12	47,51	0,23/0,17	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/6	NPD	NPD	1,3	77,25	0,12/0,12	47,75	0,20/0,22	0,53	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 4(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,5	64,20	0,26/0,24	36,96	0,41/0,33	0,42	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 4(14 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,4	64,20	0,26/0,24	36,96	0,41/0,33	0,42	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/20/8	NPD	NPD	1,8	65,65	0,11/0,11	42,83	0,20/0,16	0,51	PASS
SGG CLIMAPLUS SILENCE 4S F2 6(20 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/6	NPD	NPD	1,4	70	0,12/0,13	36	0,30/0,28	0,41	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/8/8	NPD	NPD	2	75	0,12/0,12	44	0,17/0,20	0,51	PASS
SGG CLIMAPLUS ACOUSTIC REFLECTASOL F2 PLANITHERM S F3 4(14 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/5	NPD	NPD	1,6	24,21	0,47/0,37	22,92	0,46/0,33	0,35	PASS
SGG CLIMAPLUS ACOUSTIC ANTELIO F2 ULTRA N F3 5(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	NPD	NPD	1,6	41	0,28/0,31	32	0,33/0,37	0,38	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,4	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(18 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/5	NPD	NPD	1,4	78,77	0,12/0,12	52,52	0,24/0,26	0,57	PASS
SGG CLIMAPLUS SAFE COOL-LITE ST150 F2 ULTRA N F3 66.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/8	NPD	NPD	1,6	44	0,19/0,19	27	0,18/0,24	0,35	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(10 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/10	NPD	NPD	1,8	76,78	0,12/0,12	47,31	0,24/0,19	0,56	PASS
SGG CLIMAPLUS SECURIT-H PLANITHERM ONE II F3 6(16 argon)8 SWS V	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/8	NPD	NPD	1,0	69,22	0,21/0,22	41,84	0,34/0,33	0,50	PASS
SGG CLIMAPLUS SECURIT-H PLANITHERM ONE F3 6(16 argon)6 SWS V	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/6	NPD	NPD	1,0	69,71	0,22/0,23	42,02	0,36/0,36	0,49	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS SECURIT-H PLANITHERM ONE F3 6(15 argon)6 SWS V	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/15/6	NPD	NPD	1,0	69,71	0,22/0,23	42,02	0,36/0,36	0,49	PASS
SGG CLIMAPLUS SECURIT-H PROTECT PLANITHERM ONE II F3 66.2(16 argon)8 SWS V	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/1C2	40K/200K	13/16/8	NPD	NPD	1,0	67	0,20/0,22	37	0,24/0,33	0,44	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 ARENA C 4(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT COOL-LITE KNT155 F2 6(16 air)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/8	NPD	NPD	1,7	46,58	0,17/0,10	30,83	0,19/0,19	0,37	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE KNT155 F2 6(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/16/8	NPD	NPD	1,7	46,44	0,17/0,10	29,39	0,19/0,17	0,37	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(20 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/5	NPD	NPD	1,4	70,14	0,12/0,13	38,02	0,30/0,33	0,41	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/5	NPD	NPD	1,4	70,14	0,12/0,13	38,02	0,30/0,33	0,41	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(16 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/6	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(20 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/5	NPD	NPD	1,4	79,49	0,12/0,12	53,95	0,26/0,26	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(20 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,3	67,04	0,11/0,11	47,50	0,20/0,21	0,52	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/6	NPD	NPD	1,5	64,87	0,11/0,11	41,04	0,15/0,17	0,47	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/14/6	NPD	NPD	1,4	77	0,12/0,12	48	0,20/0,22	0,53	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/14/8	NPD	NPD	1,4	76,56	0,12/0,12	46,60	0,20/0,20	0,53	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 ARENA C 44.1(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 4(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/5	NPD	NPD	1,6	67	0,11/0,11	47	0,20/0,20	0,52	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(14 air)33.1 COLOR GREY	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SILENCE COOL-LITE SKN074 F2 10(20 argon)66.4*	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	10/20/22	NPD	NPD	1,1	69	0,11/0,12	37	0,33/0,27	0,42	PASS
SGG CLIMAPLUS SILENCE COOL-LITE SKN074 F2 810.4(16 argon)66.4*	NPD	NPD	NPD	NPD	NPD	P2A/P4A	1B1/1B1	40K/40K	20/16/22	NPD	NPD	1,1	67	0,11/0,12	35	0,23/0,27	0,39	PASS
SGG CLIMAPLUS SAFE SILENCE N F2 8(16 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,4	76,42	0,12/0,12	47,50	0,20/0,19	0,56	PASS
SGG CLIMAPLUS SAFE SILENCE N F2 8(12 air)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/12/8	NPD	NPD	1,6	75,06	0,12/0,11	45,26	0,20/0,17	0,55	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(12air)4 PARSOL BRONZE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	31(-1;-4)	NPD	1,8	45	0,10/0,08	33	0,19/0,14	0,49	PASS
SGG CLIMAPLUS SILENCE SAFE ULTRA N F2 4(16 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/8	NPD	NPD	1,4	78,18	0,12/0,12	49,72	0,26/0,20	0,58	PASS
SGG CLIMAPLUS SAFE SILENCE ULTRA N F2 33.1(14 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/14/8	NPD	NPD	1,4	77	0,12/0,12	48	0,22/0,20	0,54	PASS
SGG CLIMAPLUS SECURIT SAFE 4S F2 66.1(12 air)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	12/12/8	NPD	NPD	1,6	67,16	0,11/0,13	33,75	0,21/0,29	0,39	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN165 II F2 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/8	NPD	NPD	1,5	59,29	0,16/0,17	27,95	0,30/0,30	0,33	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN165 II F2 8(16 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/16/10	NPD	NPD	1,3	58,24	0,16/0,16	27,13	0,27/0,28	0,32	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(22 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/22/8	NPD	NPD	1,4	77	0,12/0,12	48	0,24/0,20	0,56	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 8(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/12/8	NPD	NPD	1,6	76,78	0,12/0,12	47,31	0,22/0,20	0,55	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(22 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/22/8	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 F2 6(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/8	NPD	NPD	1,0	49,56	0,18/0,22	23,67	0,34/0,35	0,27	PASS
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE SKN154II F2 8(15 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/15/11	NPD	NPD	1,0	48,40	0,18/0,25	21,79	0,30/0,32	0,26	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN154II F2 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/15/6	NPD	NPD	1,0	50,01	0,18/0,26	23,96	0,32/0,43	0,27	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN154II F2 6(15 argon)6*	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/15/6	NPD	NPD	1,0	50,01	0,18/0,26	23,96	0,32/0,43	0,27	PASS
SGG CLIMAPLUS SECURIT SILENCE STB136 F2 ULTRA N II F3 6(16 air)64.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	1C2/2B2	200K/40K	6/16/10	NPD	NPD	1,3	31,10	0,18/0,18	18,83	0,18/0,24	0,27	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(12 air)33.1 PARSOL GREEN	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,6	64	0,11/0,09	31	0,26/0,08	0,54	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(12 air)33.1 PARSOL GREEN	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/6	NPD	NPD	1,6	63	0,11/0,09	30	0,19/0,08	0,50	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 4(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/6	NPD	NPD	2,0	64,20	0,26/0,24	36,96	0,41/0,33	0,42	PASS
SGG CLIMALIT SAFE STB120 F2 ULTRA N F3 8(16 air) 66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/12	NPD	NPD	1,3	18,77	0,21/0,27	10,95	0,19/0,26	0,17	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	1,3	64,99	0,26/0,24	39,76	0,42/0,40	0,42	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 4(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/8	NPD	NPD	1,5	63,62	0,26/0,24	36,15	0,41/0,31	0,42	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(10 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/8	NPD	NPD	1,8	77,71	0,12/0,12	50,50	0,24/0,23	0,57	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	NPD	NPD	1,4	77,48	0,12/0,12	48,49	0,20/0,24	0,53	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 4(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/8	NPD	NPD	1,9	65,65	0,11/0,11	42,83	0,20/0,16	0,51	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(6 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/6/6	NPD	NPD	2,5	62	0,11/0,11	41	0,15/0,17	0,48	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(12 air)6 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE 4S F2 44.1(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/8	NPD	NPD	1,3	68	0,11/0,13	34	0,25/0,26	0,39	PASS
SGG CLIMAPLUS SAFE 4S F2 44.1(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/6	NPD	NPD	1,4	69	0,12/0,13	35	0,25/0,28	0,39	PASS
SGG CLIMAPLUS ACOUSTIC COOL-LITE XTREME 60/28 F2 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	34(-1;-4)	NPD	1,0	60,27	0,14/0,16	25,83	0,39/0,46	0,28	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 44.1(12 air)55.3 COLOR VANCEVA 446	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/1B1	40K/40K	8/12/11	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 44.1(12 air)55.3 COLOR VANCEVA 337	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1B1	40K/40K	8/12/11	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(15 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/15/8	NPD	NPD	1,4	76,56	0,12/0,12	46,60	0,20/0,20	0,53	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 4(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/8	NPD	NPD	1,5	65,65	0,11/0,11	42,83	0,20/0,16	0,51	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,5	65,06	0,11/0,11	41,75	0,18/0,16	0,50	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 4(16 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE BIOCLEAN F1 PLANITHERM S F2 4(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/8	NPD	NPD	1,5	64	0,14/0,13	41	0,21/0,17	0,49	PASS
SGG CLIMAPLUS SAFE 4S 66.1(10 air)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/14/5	NPD	NPD	1,8	68,07	0,11/0,13	34,62	0,21/0,33	0,39	PASS
SGG CLIMAPLUS SAFE 4S 66.1(14 air)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/14/5	NPD	NPD	1,4	68,07	0,11/0,13	34,62	0,21/0,33	0,38	PASS
SGG CLIMAPLUS PLANITHERM S F2 66.1(10 air)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/10/8	NPD	NPD	1,9	63,33	0,11/0,11	38,77	0,14/0,18	0,45	PASS
SGG CLIMAPLUS PLANITHERM S F2 44.1(16 air)6 SATINOVO	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	NPD	NPD	1,5	65,06	0,11/0,11	41,75	0,16/0,19	0,47	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/6	NPD	NPD	1,8	64,87	0,11/0,11	41,04	0,15/0,17	0,47	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/6	NPD	NPD	1,5	63	0,25/0,24	35	0,32/0,33	0,39	PASS
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE KNT140 F2 8(16 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/16/13	NPD	NPD	1,5	35,49	0,23/0,11	19,90	0,22/0,16	0,27	PASS
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE KNT140 F2 6(16 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/16/6	NPD	NPD	1,6	36,45	0,23/0,12	21,23	0,24/0,19	0,28	PASS
SGG CLIMAPLUS PLANITHERM S F2 66.1(20 air)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/20/8	NPD	NPD	1,5	63,33	0,11/0,11	38,77	0,14/0,18	0,45	PASS
SGG CLIMAPLUS SECURIT 4S F2 4(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C2	40K/200K	4/16/6	NPD	NPD	1,4	70,46	0,12/0,13	38,39	0,33/0,31	0,42	PASS
SGG CLIMAPLUS SECURIT 4S F2 4(16 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C2	40K/200K	4/16/8	NPD	NPD	1,4	69,83	0,12/0,13	37,66	0,33/0,29	0,42	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP 510(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/15/6	NPD	NPD	1,1	76,11	0,12/0,12	45,40	0,16/0,22	0,54	PASS
SGG CLIMAPLUS PROTECT KS147 F2 6(16 argon)SP510	NPD	NPD	NPD	NPD	NPD	NPD/P5A	NPD/1B1	40K/40K	6/16/10	NPD	NPD	1,1	42,05	0,44/0,39	23,23	0,45/0,34	0,29	PASS
SGG CLIMAPLUS SAFE 4S F2 44.1(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/6	NPD	NPD	1,3	68,79	0,12/0,13	35,08	0,25/0,28	0,39	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 4(10 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/10	NPD	NPD	1,8	77,48	0,12/0,12	48,49	0,26/0,19	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	34(-1;-4)	NPD	1,4	79,13	0,12/0,12	53,22	0,26/0,25	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 44.1(12 air)SP510	NPD	NPD	NPD	NPD	NPD	NPD/P5A	2B2/1B1	40K/40K	8/12/10	NPD	NPD	1,6	75,42	0,12/0,12	44,33	0,20/0,16	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 44.1(8 air)SP510	NPD	NPD	NPD	NPD	NPD	NPD/P5A	2B2/1B1	40K/40K	8/8/10	NPD	NPD	2,0	75,42	0,12/0,12	44,33	0,20/0,16	0,53	PASS
SGG CLIMAPLUS ULTRA N F2 4(14 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/8	NPD	NPD	1,5	78,42	0,12/0,12	51,83	0,26/0,23	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/6	NPD	NPD	1,4	77,25	0,12/0,12	47,75	0,20/0,22	0,53	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	3	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/10	NPD	NPD	1,6	74,52	0,12/0,11	43,42	0,17/0,19	0,51	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP510(16 argon)4	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/16/4	NPD	NPD	1,1	77,02	0,12/0,12	46,96	0,16/0,26	0,54	PASS
SGG CLIMALIT SECURIT SAFE COOL-LITE ST120 F2 ULTRA N F3 8(14 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/14/12	NPD	NPD	1,4	17,06	0,32/0,25	9,99	0,25/0,25	0,16	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 44.1(12 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,3	76,56	0,12/0,12	46,60	0,20/0,20	0,56	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 44.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	NPD	NPD	1,4	77,48	0,12/0,12	48,49	0,20/0,24	0,57	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 44.1(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	NPD	NPD	1,1	77,48	0,12/0,12	48,49	0,20/0,24	0,57	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/6	NPD	NPD	1,3	64,87	0,11/0,11	41,04	0,15/0,17	0,47	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(16 argon)6 SATINOVO	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	NPD	NPD	1,3	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 ACOUSTIC 6(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,8	64,39	0,26/0,24	38,80	0,38/0,40	0,42	PASS
SGG CLIMAPLUS SILENCE PLANITHERM S F2 4(10 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	2,0	66,24	0,11/0,11	43,97	0,20/0,18	0,51	PASS
SGG CLIMAPLUS SAFE 4S F3 4(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/8	NPD	NPD	1,6	69,62	0,13/0,12	36,16	0,34/0,25	0,52	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,8	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,5	63,62	0,26/0,24	36,14	0,38/0,33	0,41	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(12 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/12	NPD	NPD	1,7	63,14	0,11/0,11	38,14	0,15/0,14	0,47	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 6(12 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/7	NPD	NPD	1,6	77,95	0,12/0,12	48,96	0,24/0,21	0,56	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,5	63,81	0,26/0,24	37,89	0,38/0,37	0,42	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(16 argon)44.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/8	NPD	NPD	1,1	80,14	0,12/0,12	53,69	0,26/0,26	0,58	PASS
SGG CLIMAPLUS PROTECT SILENCE SECURIT COOL-LITE SKN174 II 8(16 argon)55.2 Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2//1B1	200K/40K	8/16/11	NPD	NPD	1,1	65,80	0,11/0,12	33,59	0,25/0,22	0,40	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 44.1(24 air)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	1B1/2B2	40K/40K	8/24/13	NPD	NPD	1,4	74,96	0,12/0,11	43,94	0,20/0,16	0,53	PASS
SGG CLIMAPLUS SAFE 4S F2 66.1(18 argon)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/18/10	NPD	NPD	1,1	66,37	0,11/0,13	32,78	0,21/0,24	0,38	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(18 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,1	78,77	0,12/0,12	52,52	0,24/0,26	0,57	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/8	NPD	NPD	1,4	78,18	0,12/0,12	49,72	0,26/0,20	0,58	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN174 F2 8(15 argon)88.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/13	NPD	NPD	1,1	64,07	0,11/0,11	31,96	0,26/0,17	0,40	PASS
SGG CLIMAPLUS COOL-LITE SKN174 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD	40K/40K	6/15/6	NPD	NPD	1,1	68,01	0,11/0,12	37,36	0,28/0,31	0,41	PASS
SGG CLIMAPLUS COOL-LITE SKN174 8(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD	40K/40K	8/15/6	NPD	NPD	1,1	67,40	0,11/0,12	36,65	0,26/0,31	0,40	PASS
SGG CLIMAPLUS PLANITHERM S F2 44.1(12 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/12/4	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE 4S F2 4(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/8	NPD	NPD	1,8	69,62	0,12/0,13	36,16	0,33/0,26	0,42	PASS
SGG CLIMAPLUS ACOUSTIC REFLECTASOL F2 PLANITHERM S F3 5(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/5	NPD	NPD	1,6	23,98	0,47/0,36	22,06	0,44/0,32	0,34	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/8	NPD	NPD	1,3	76,56	0,12/0,12	46,60	0,20/0,20	0,53	PASS
SGG CLIMAPLUS PROTECT PLANITHERM 4S F2 66.1(8 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	2B2/1B1	40K/40K	12/8/9	NPD	NPD	2,0	60,97	0,24/0,23	32,40	0,28/0,29	0,38	PASS
SGG CLIMAPLUS SILENCE PLANITHERM S F2 6(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,9	65,06	0,11/0,11	41,75	0,18/0,16	0,50	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/8	NPD	NPD	1,1	78,18	0,12/0,12	49,72	0,26/0,20	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(10 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/12	NPD	NPD	1,8	75	0,12/0,11	44	0,20/0,17	0,53	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(16 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/8	NPD	NPD	1,4	77,71	0,12/0,12	50,50	0,24/0,23	0,57	PASS
SGG CLIMAPLUS PROTECT 4S F2 6(12 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/13	NPD	NPD	1,3	67,56	0,12/0,12	33,90	0,30/0,21	0,41	PASS
SGG CLIMAPLUS SAFE 4S F2 6(12 argon)66.1 PARSOL GREY	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/12	NPD	NPD	1,3	16	0,10/0,05	10	0,29/0,07	0,38	PASS
SGG CLIMAPLUS SAFE 4S F2 6(12 argon)66.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/12	NPD	NPD	1,3	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S F2 4(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1B1	40K/40K	4/14/7	NPD	NPD	1,8	65,45	0,11/0,11	42,10	0,20/0,15	0,51	PASS
SGG CLIMAPLUS ULTRA N F3 5(13 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/13/4	NPD	NPD	1,2	79	0,12/0,12	54	0,26/0,26	0,62	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(10 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/12	NPD	NPD	1,9	63,14	0,11/0,11	38,14	0,15/0,14	0,47	PASS
SGG CLIMAPLUS PROTECT 4S F2 44.2(16 argon)SP510	NPD	NPD	NPD	NPD	NPD	P2A/P5A	1B1/1B1	40K/40K	9/16/9	NPD	NPD	1,1	66,97	0,11/0,12	32,95	0,23/0,21	0,38	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(16 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S F2 6(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	NPD	NPD	1,8	64,87	0,11/0,11	41,04	0,18/0,15	0,50	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(12 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/10	NPD	NPD	1,6	73,85	0,12/0,11	42,45	0,17/0,17	0,51	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN065 F2 10(20 air)1010.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/20/20	NPD	NPD	1,4	61	0,16/0,17	29	0,36/0,33	0,34	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN065 F2 10(20 air)55.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/20/10	NPD	NPD	1,4	61	0,16/0,17	30	0,36/0,38	0,34	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN065 F2 10(14 air)55.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/20/10	NPD	NPD	1,4	61	0,16/0,17	30	0,36/0,38	0,34	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN065 F2 10(20 air)10 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C1	40K/200K	10/20/10	NPD	NPD	1,4	62	0,16/0,17	32	0,36/0,42	0,34	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 44.1(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/10	NPD	NPD	1,6	76	0,12/0,12	45	0,20/0,19	0,53	PASS
SGG CLIMAPLUS SECURIT SAFE KNT 440 F2 46.1 (14 air) 44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	200K/40K	100/14/8	NPD	NPD	1,6	29	0,16/0,12	14	0,10/0,20	0,19	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 4(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/6	NPD	NPD	1,8	79,13	0,12/0,12	53,22	0,27/0,24	0,62	PASS
SGG CLIMAPLUS SAFE 4S F2 6(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/8	NPD	NPD	1,4	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS SAFE 4S F2 6(12 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,3	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(14 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP514(13 argon)33.2	NPD	NPD	NPD	NPD	NPD	P5A/P1A	1B1/1B1	40K/40K	14/13/7	NPD	NPD	1,2	75	0,11/0,12	43	0,14/0,20	0,51	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP514(13 krypton)33.2	NPD	NPD	NPD	NPD	NPD	P5A/P1A	1B1/1B1	40K/40K	14/13/7	NPD	NPD	1,1	75	0,11/0,12	43	0,14/0,20	0,51	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,3	64,99	0,26/0,24	39,76	0,42/0,40	0,42	PASS
SGG CLIMAPLUS SILENCE PLANITHERM S F2 44.1(20 air)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/20/12	NPD	NPD	1,5	63,14	0,11/0,11	38,14	0,15/0,14	0,47	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(15 air)1010.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/10	NPD	NPD	1,3	71,23	0,11/0,11	38,51	0,17/0,13	0,50	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 4(20 argon)66.3	NPD	NPD	NPD	NPD	NPD	NPD/P3A	NPD/1B1	40K/40K	4/20/13	NPD	NPD	1,1	76,33	0,12/0,11	46,07	0,26/0,16	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 1212.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	25/15/9	NPD	NPD	1,1	70,42	0,11/0,11	37,20	0,11/0,19	0,46	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 4(12 argon)SP510 OPALE	NPD	NPD	NPD	NPD	NPD	NPD/P5A	NPD/1B1	40K/40K	4/12/10	NPD	NPD	1,3	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE S F2 4 (12 air) 33.1 OPAL	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT S F2 4 (15 air) 33.2 OPAL	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/15/7	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT S F2 4 (14 air) 33.2 OPAL	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/14/7	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE S F2 4 (14 air) 33.1 OPAL	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE SKN165 II F2 10(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C1/1B1	200K/40K	10/12/9	NPD	NPD	1,5	58,06	0,16/0,17	26,74	0,25/0,28	0,32	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N II F2 ULTRA N F3 DIAMANT 4(8 argon)HN120-S	NPD	NPD	NPD	NPD/BR1-S	NPD	NPD	1C3/1B1	200K/40K	4/8/20	NPD	NPD	1,6	78	0,10/0,10	46	0,33/0,21	0,56	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN154 F2 44.2(16 argon)55.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/16/11	NPD	NPD	1,0	48,10	0,18/0,21	21,44	0,27/0,29	0,25	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/8	NPD	NPD	1,6	78,18	0,12/0,12	49,72	0,26/0,20	0,58	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N II F2 ULTRA N F3 DIAMANT 8(8 argon)HN120-S	NPD	NPD	NPD	NPD/BR1-S	NPD	NPD	1C2/1B1	200K/40K	8/8/20	NPD	NPD	1,6	77	0,10/0,10	45	0,33/0,21	0,55	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F2 & F3 DIAMANT 8(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	8/12/8	NPD	NPD	1,2	79	0,10/0,10	50	0,31/0,31	0,56	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/8	NPD	NPD	1,8	76,56	0,12/0,12	46,60	0,20/0,20	0,53	PASS
SGG CLIMAPLUS PROTECT 4S F2 6(10 air)1010.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/10/21	NPD	NPD	1,8	65,17	0,11/0,12	31,55	0,30/0,15	0,40	PASS
SGG CLIMAPLUS PROTECT 4S F2 6(8 air)HN222-S	NPD	NPD	NPD	NPD/BR2-S	NPD	NPD	NPD/1B1	40K/40K	6/8/22	NPD	NPD	2,0	64	0,11/0,12	30	0,30/0,13	0,40	PASS
SGG CLIMAPLUS ACOUSTIC PLANISTAR SUN F2 6(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,3	70,78	0,13/0,15	34,91	0,32/0,39	0,38	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 4(20 argon)HN120-S	NPD	NPD	NPD	NPD/BR1-S	NPD	NPD/NPD	NPD/1B1	40K/40K	4/20/20	NPD	NPD	1,1	76,56	0,12/0,12	46,61	0,26/0,17	0,57	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS SAFE COOL-LITE SKN174 F2 66.1(14 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/14/8	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS COOL-LITE STB136 F2 ULTRA N F3 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	1,2	32,35	0,18/0,19	21,78	0,19/0,33	0,27	PASS
SGG CLIMAPLUS ULTRA N F2 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,4	79,85	0,12/0,12	54,69	0,26/0,27	0,58	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 33.1Si(10 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/10/8	NPD	NPD	1,4	77,25	0,12/0,12	47,75	0,22/0,20	0,58	PASS
SGG CLIMAPLUS SILENCE PLANITHERM S F2 6(20 air)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/20/12	NPD	NPD	1,5	63,90	0,11/0,11	39,72	0,18/0,14	0,49	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1(18 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/18/6	NPD	NPD	1,4	77,25	0,12/0,12	47,75	0,20/0,22	0,53	PASS
SGG CLIMAPLUS PROTECT 4S F2 6(12 air)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/12/10	NPD	NPD	1,6	68,38	0,12/0,13	34,49	0,30/0,22	0,41	PASS
SGG CLIMAPLUS 4S F2 ARENA C 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1 OPALE(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/18/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 ARENA C 4(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(10 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,4	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS PROTECT ONE F3 4(16 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/16/8	NPD	NPD	1,0	68,87	0,22/0,22	39,15	0,38/0,26	0,50	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(10 air)4 SATINOVO	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/4	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC PLANISTAR SUN F2 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/4	NPD	NPD	1,4	70,78	0,13/0,15	34,91	0,32/0,39	0,38	PASS
SGG CLIMAPLUS SILENCE PLANISTAR SUN F2 6(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,5	69,94	0,13/0,15	33,14	0,32/0,32	0,38	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/6	NPD	NPD	1,6	77	0,12/0,12	48	0,20/0,22	0,54	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(12 air)44.1 PARSOL BRONZE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,6	34,53	0,10/0,06	22,72	0,19/0,09	0,49	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(20 air)66.1 PARSOL BRONZE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/12	NPD	NPD	1,4	22,50	0,09/0,05	14,47	0,16/0,07	0,47	PASS
SGG CLIMAPLUS SILENCE 4S F2 6(10 air)33.1SI	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/6	NPD	NPD	1,8	69,62	0,12/0,13	36,16	0,30/0,28	0,41	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1Si(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/14/8	NPD	NPD	1,4	76,56	0,12/0,12	46,60	0,20/0,20	0,53	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN154 F2 8(16 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/10	NPD	NPD	1,3	48,54	0,18/0,21	22,07	0,31/0,30	0,27	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN154 F2 8(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,3	48,97	0,18/0,22	22,39	0,31/0,32	0,27	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN154 F2 ULTRA N F3 8(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,3	47,77	0,17/0,19	21,30	0,31/0,30	0,27	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/8	NPD	NPD	1,7	62,28	0,25/0,23	34,12	0,32/0,31	0,39	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(15 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/15/8	NPD	NPD	1,4	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 6(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,4	63,62	0,26/0,24	36,14	0,38/0,33	0,41	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	31(-1;-4)	NPD	1,6	64,99	0,26/0,24	39,76	0,42/0,40	0,43	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(12 air)44.1 PARSOL GREEN	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,6	59,21	0,11/0,09	26,92	0,23/0,07	0,52	PASS
SGG CLIMAPLUS ULTRA N F2 4(14 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(16 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/5	NPD	NPD	1,4	79,49	0,12/0,12	53,95	0,26/0,26	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 4(16 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/16/7	NPD	NPD	1,4	78,66	0,12/0,12	50,23	0,26/0,21	0,58	PASS
SGG CLIMAPLUS SILENCE PLANISTAR SUN F2 6(20 argon)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/20/6	NPD	NPD	1,1	69,94	0,13/0,15	33,14	0,32/0,32	0,37	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(12 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/12	NPD	NPD	1,5	61,16	0,25/0,23	32,74	0,32/0,27	0,39	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 66.1(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/10/8	NPD	NPD	1,8	75,19	0,12/0,12	44,44	0,17/0,20	0,51	PASS
SGG CLIMAPLUS ULTRA N F3 SATINOVO MATE 4(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	33(-1;-4)	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT 4S F2 8(15 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/11	NPD	NPD	1,1	67,56	0,11/0,13	33,90	0,27/0,22	0,40	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(16 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/6	NPD	NPD	1,4	78,18	0,12/0,12	49,72	0,24/0,22	0,56	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S F2 44.1(15 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/1B1	40K/40K	8/15/13	NPD	NPD	1,5	62,96	0,11/0,11	37,66	0,15/0,14	0,46	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S F2 6(15 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/13	NPD	NPD	1,5	63,71	0,11/0,11	39,07	0,18/0,14	0,49	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/12	NPD	NPD	1,3	61,16	0,25/0,23	32,74	0,32/0,27	0,39	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 66.1(12 air)55.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/10	NPD	NPD	1,6	75	0,12/0,11	43	0,17/0,19	0,51	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(16 air)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/12	NPD	NPD	1,3	76,10	0,12/0,12	46,18	0,24/0,18	0,56	PASS
SGG CLIMAPLUS SECURIT SAFE ST108 F2 ULTRA N F3 10(16 argon)66.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1B1	200K/40K	10/16/12	41(-1;-3)	NPD	1,1	6,79	0,43/0,34	3,83	0,34/0,30	0,08	PASS
SGG CLIMAPLUS SECURIT SAFE ST136 F2 ULTRA N F3 10(16 argon)66.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1B1	200K/40K	10/16/12	41(-1;-3)	NPD	1,1	31,14	0,22/0,19	17,82	0,18/0,22	0,25	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 4(16 argon)SP510	NPD	NPD	NPD	NPD	NPD	NPD/P5A	NPD/1B1	40K/40K	4/16/10	NPD	NPD	1,1	77,02	0,12/0,12	46,96	0,26/0,16	0,57	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F3 8(16 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/16/11	NPD	NPD	1,1	75,87	0,12/0,12	45,50	0,22/0,18	0,59	PASS
SGG CLIMAPLUS SECURIT SAFE ST 108 F2 ULTRA N II F3 10 (16 argon) 66.1	NPD	NPD	NPD	NPD	NPD	NPD/NPD	1C1/2B2	200K/200K	10/16/12	41(-1;-3)	NPD	1,1	7	0,43/0,34	4	0,34/0,30	0,08	PASS
SGG CLIMAPLUS SECURIT SAFE ST 136 F2 ULTRA N II F3 10 (16 argon) 66.1	NPD	NPD	NPD	NPD	NPD	NPD/NPD	1C1/2B2	200K/200K	10/16/12	41(-1;-3)	NPD	1,1	31	0,22/0,19	18	0,18/0,22	0,25	PASS
SGG CLIMAPLUS SILENCE PLANISTAR SUN F2 6(14 air)55.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/10	NPD	NPD	1,4	69	0,13/0,14	32	0,32/0,27	0,37	PASS
SGG CLIMAPLUS PROTECT COOL-LITE XTREME 60/28 F2 66.2(12 air)55.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	13/12/10	NPD	NPD	1,5	56,62	0,13/0,15	22,89	0,26/0,32	0,27	PASS
SGG CLIMAPLUS 4S F2 ARENA C 6(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F3 66.1Si(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/10/8	NPD	NPD	1,5	61,16	0,23/0,25	32,74	0,27/0,32	0,42	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(16 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	34(-1;-4)	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE SKN154II F2 8(12 air)HN323-S	NPD	NPD	NPD	NPD/BR3-S	NPD	NPD/NPD	1C2/1B1	200K/40K	8/12/24	NPD	NPD	1,5	45	0,18/0,22	19	0,30/0,19	0,27	PASS
SGG CLIMAPLUS SAFE 4S F2 66.1(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/12	NPD	NPD	1,3	65,77	0,11/0,12	32,25	0,21/0,22	0,38	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN 065 F2 66.1(14 air)44.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/14/8	NPD	NPD	1,4	61	0,16/0,17	30	0,32/0,39	0,33	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN 065 F2 66.1(16 argon)44.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/8	NPD	NPD	1,1	61	0,16/0,17	30	0,32/0,39	0,32	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 5(7 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/7/4	NPD	NPD	2,2	79	0,12/0,12	54	0,26/0,26	0,61	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1 OPALE(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/14/6	NPD	NPD	1,1	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 44.4(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P4A/P2A	1B1/1B1	40K/40K	10/15/9	NPD	NPD	1,1	75,65	0,12/0,12	44,73	0,17/0,19	0,55	PASS
SGG CLIMAPLUS SECURIT SAFE ULTRA N II F3 44.1(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	8/15/6	NPD	NPD	1,4	77	0,12/0,12	49	0,20/0,24	0,57	PASS
SGG CLIMAPLUS PROTECT SILENCE 4S F2 66.2(16 argon)88.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/17	NPD	NPD	1,1	63,98	0,11/0,12	30,44	0,19/0,17	0,37	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(18 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/18/6	NPD	NPD	1,4	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F2 6(15 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD/NPD	1C2/2B2	200K/40K	6/15/8	NPD	NPD	1,4	77	0,12/0,12	49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN174 F2 44.2(10 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/10/9	NPD	NPD	1,8	65,76	0,11/0,12	33,32	0,21/0,23	0,39	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 44.4(16 argon)44.4	NPD	NPD	NPD	NPD	NPD	P4A/P4A	1B1/1B1	40K/40K	10/16/10	NPD	NPD	1,1	75,20	0,12/0,12	43,94	0,17/0,17	0,54	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP510(10 air)6	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/10/6	NPD	NPD	1,8	76	0,12/0,12	46	0,16/0,24	0,54	PASS
SGG CLIMAPLUS ULTRA N F2 6(12 air)6 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,6	77	0,12/0,12	52	0,24/0,24	0,57	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN165 II F2 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/10/8	NPD	NPD	1,7	59	0,16/0,17	28	0,30/0,30	0,33	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 5(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/10/6	NPD	NPD	1,8	78,77	0,12/0,12	52,52	0,26/0,24	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 5(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	33(-1;-4)	NPD	1,6	79,49	0,12/0,12	53,95	0,26/0,26	0,61	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/12	NPD	NPD	1,3	76	0,12/0,12	46	0,24/0,18	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 44.4(14 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/14/4	NPD	NPD	1,1	77,49	0,12/0,12	47,88	0,17/0,26	0,55	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S F2 44.1(10 air)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	2B2/1B1	40K/40K	8/10/10	NPD	NPD	1,9	64	0,11/0,11	39	0,15/0,14	0,47	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 ARENA C 4(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/6	NPD	NPD	1,8	76	0,11/0,12	51	0,25/0,24	0,59	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/6	NPD	NPD	1,6	77	0,12/0,12	48	0,20/0,22	0,53	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 4(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/6	NPD	NPD	1,3	64	0,26/0,24	37	0,41/0,33	0,42	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 4(12 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM ULTRAN F2 4(12 air)33.1 WHITE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 4(12 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/12/7	NPD	NPD	1,6	79	0,12/0,12	50	0,26/0,21	0,58	PASS
SGG CLIMAPLUS PROTECT PLANITHERM 4S F2 4(12 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/12/7	NPD	NPD	1,5	64	0,26/0,24	36	0,41/0,32	0,42	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,8	78	0,12/0,12	50	0,24/0,22	0,56	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(14 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT COOL-LITE ST167 F2 ULTRA N F3 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/10/6	NPD	NPD	1,8	58,30	0,21/0,21	38,88	0,25/0,29	0,47	PASS
SGG CLIMAPLUS ACOUSTIC COOL-LITE SKN 154 F2 6(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-1;-5)	NPD	1,0	50	0,18/0,22	24	0,34/0,42	0,27	PASS
SGG CLIMAPLUS ULTRA N F3 SATINOVO MATE 5(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/6	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 44.1(16 argon)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/6	NPD	NPD	1,0	62,85	0,25/0,24	34,86	0,32/0,33	0,39	PASS
SGG CLIMAPLUS PLANISTAR SUN F2 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,3	71,43	0,13/0,15	35,49	0,35/0,39	0,38	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM 4S F2 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,5	64,10	0,26/0,24	38,34	0,38/0,38	0,42	PASS
SGG CLIMAPLUS SILENCE PLANITHERM S F2 4(15 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/15/8	NPD	NPD	1,6	66	0,11/0,11	43	0,20/0,16	0,51	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 4(15 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/15/6	NPD	NPD	1,4	79	0,12/0,12	51	0,26/0,22	0,58	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F3 8(16 argon)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/12	NPD	NPD	1,0	61	0,24/0,24	33	0,34/0,28	0,46	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(16 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	40(-2;-6)	NPD	1,4	77	0,12/0,12	48	0,24/0,20	0,56	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1(15 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/15/8	NPD	NPD	1,1	77	0,12/0,12	47	0,20/0,20	0,53	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(12 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-1;-5)	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(10 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/4	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,8	79,13	0,12/0,12	53,22	0,24/0,27	0,57	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/14/4	NPD	NPD	1,5	78,18	0,12/0,12	49,72	0,20/0,27	0,54	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 33.1(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	1,5	78,89	0,12/0,12	51,01	0,22/0,27	0,55	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/6	NPD	NPD	1,0	63,81	0,26/0,24	37,89	0,38/0,37	0,41	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM 4S F2 6(16 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,3	64,10	0,26/0,24	38,34	0,38/0,38	0,42	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(10 argon)44.1 COLOR GREY	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/8	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 OPALE GREY 44.2(10 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/10/4	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 6(16 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/5	NPD	NPD	1,5	66,14	0,11/0,11	45,56	0,19/0,20	0,50	PASS
SGG CLIMAPLUS SILENCE ULTRA N II F2 8(16 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,3	76	0,12/0,12	47	0,22/0,20	0,55	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,6	78,18	0,12/0,12	49,72	0,24/0,22	0,56	PASS
SGG CLIMAPLUS ULTRA N F2 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	NPD	NPD	1,4	79,85	0,12/0,12	54,69	0,26/0,27	0,58	PASS
SGG CLIMAPLUS ULTRA N F2 4(18 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N F2 4(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,4	79,85	0,12/0,12	54,69	0,26/0,27	0,58	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN154 II F2 6(20 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/20/8	NPD	NPD	1,1	49,42	0,18/0,25	22,71	0,32/0,36	0,27	PASS
SGG CLIMAPLUS SECURIT ULTRA N F3 PARSOL BRONZE 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	NPD	NPD	1,8	43,10	0,07/0,10	29,89	0,13/0,23	0,38	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 4(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/12	NPD	NPD	1,3	62,47	0,26/0,23	34,63	0,41/0,27	0,42	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN174 II F2 10(12 air)10 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	1C1//1C1	200K/200K	10/12/10	NPD	NPD	1,6	67,64	0,11/0,12	37,01	0,22/0,35	0,40	PASS
SGG CLIMAPLUS PROTECT PLANISTAR SUN F2 4(12 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/12/7	NPD	NPD	1,2	70,36	0,13/0,15	33,25	0,35/0,30	0,38	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 6(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/18/6	NPD	NPD	1,3	61,90	0,26/0,23	33,90	0,38/0,27	0,41	PASS
SGG CLIMAPLUS PLANITHERM LUX F3 8(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	NPD	NPD	1,3	79,52	0,12/0,13	61,05	0,15/0,16	0,69	PASS
SGG CLIMAPLUS SILENCE PLANITHERM LUX F3 10(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	10/16/8	43(-1;-2)	NPD	1,2	77,14	0,12/0,13	53,04	0,14/0,13	0,65	PASS
SGG CLIMAPLUS SILENCE PLANITHERM LUX F3 10(20 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	10/20/8	NPD	NPD	1,3	77,14	0,12/0,13	53,04	0,14/0,13	0,65	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 33.1(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/10/8	NPD	NPD	1,8	77,25	0,12/0,12	47,75	0,22/0,20	0,54	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/14/8	NPD	NPD	1,4	75,19	0,12/0,12	44,44	0,17/0,20	0,51	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,6	76,56	0,12/0,12	46,60	0,20/0,20	0,53	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(14 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/8	NPD	NPD	1,4	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(10 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/8	NPD	NPD	1,8	69,20	0,12/0,13	36,97	0,30/0,29	0,42	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(12 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/8	NPD	NPD	1,3	78,18	0,12/0,12	49,72	0,26/0,20	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/5	NPD	NPD	1,4	79,49	0,12/0,12	53,95	0,26/0,26	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,1	79,13	0,12/0,12	53,22	0,26/0,25	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,5	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS ACOUSTIC COOL-LITE XTREME 60/28 F2 6(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/4	34(-1;-4)	NPD	1,8	60,27	0,14/0,16	25,83	0,39/0,46	0,29	PASS
SGG CLIMALIT SAFE STB120 F2 ULTRA N F3 10(16 air) 44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/16/8	NPD	NPD	1,3	18,94	0,21/0,28	11,13	0,18/0,30	0,17	PASS
SGG CLIMALIT SAFE STB120 F2 10(16 air) 44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/16/8	NPD	NPD	2,5	19,50	0,21/0,31	13,31	0,17/0,28	0,22	PASS
SGG CLIMALIT SAFE STB120 F2 PLANITHERM 4S F3 10(16 air) 44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/16/8	NPD	NPD	1,3	15,91	0,21/0,36	8,59	0,19/0,38	0,15	PASS
SGG CLIMAPLUS SAFE COOL-LITE ST120 F2 66.1 (10 air)44.1 PARSOL GREY	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/10/8	NPD	NPD	2,7	7	0,31/0,08	5	0,21/0,09	0,18	PASS
SGG CLIMAPLUS SECURIT SAFE 4S F2 44.1(16 air)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C1	40K/200K	8/16/10	NPD	NPD	1,3	67,75	0,11/0,13	34,21	0,25/0,25	0,39	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(18 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/5	NPD	NPD	1,1	79	0,12/0,12	54	0,26/0,26	0,58	PASS
SGG CLIMAPLUS SECURIT SAFE ULTRA N F3 PARSOL GREY 8(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/16/12	NPD	NPD	1,3	28,66	0,05/0,09	19,75	0,09/0,16	0,29	PASS
SGG CLIMAPLUS COOL-LITE SKN154 F2 8(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/20/4	NPD	NPD	1,3	50,01	0,18/0,22	24,05	0,31/0,42	0,27	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN154II F2 8(16 air)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/16/8	NPD	NPD	1,3	49,13	0,18/0,26	23,20	0,30/0,40	0,27	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN154 F2 8(14 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/14/10	NPD	NPD	1,4	48,54	0,18/0,21	22,07	0,31/0,30	0,27	PASS
SGG CLIMAPLUS SECURIT SAFE SILENCE COOL-LITE SKN165II F2 10(20 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	1C1/2B2	200K/40K	10/20/8	NPD	NPD	1,1	58,23	0,16/0,17	27,08	0,25/0,30	0,32	PASS
SGG CLIMAPLUS PROTECT SILENCE COOL-LITE SKN165 F2 6(16 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/9	NPD	NPD	1,1	58,23	0,16/0,17	27,16	0,26/0,30	0,32	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 F2 6(16 argon)SP615	NPD	NPD	NPD	NPD	NPD	NPD/P6B	NPD/1B1	40K/40K	6/16/15	NPD	NPD	1,1	57	0,16/0,16	26	0,31/0,20	0,32	PASS
SGG CLIMAPLUS PROTECT SILENCE PLANITHERM ONE F2 46.2(20 argon*)HN113-S Si	NPD	NPD	NPD	NPD/BR1-S	NPD	P2A/P4A	1B1/1B1	40K/40K	11/20/14	NPD	NPD	1,1	65,42	0,22/0,20	34,61	0,26/0,22	0,42	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 SATINOVO MATE 6(16 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	6/16/8	40(-2;-6)	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1(16 air)55.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/10	NPD	NPD	1,3	75,87	0,12/0,12	45,49	0,20/0,19	0,53	PASS
SGG CLIMAPLUS PROTECT PLANITHERM ONE F2 46.2(20 argon*)HN113-S	NPD	NPD	NPD	NPD/BR1-S	NPD	P2A/P4A	1B1/1B1	40K/40K	11/20/14	NPD	NPD	1,1	65,42	0,22/0,20	34,61	0,26/0,22	0,42	PASS
SGG CLIMAPLUS SAFE 4S F2 6(10 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,6	70,14	0,12/0,13	38,02	0,30/0,33	0,42	PASS
SGG CLIMAPLUS SILENCE 4S F2 6(10 air)55.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/10	NPD	NPD	1,8	68,38	0,12/0,13	34,92	0,30/0,24	0,41	PASS
SGG CLIMAPLUS SILENCE SAFE ULTRA N F2 4(20 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/20/8	NPD	NPD	1,4	78,18	0,12/0,12	49,72	0,26/0,20	0,58	PASS
SGG CLIMAPLUS SECURIT PROTECT PLANITHERM ONE F2 46.2(20 argon*)66.4	NPD	NPD	NPD	NPD	NPD	P2A/P4A	1B1/1B1	40K/200K	11/20/14	NPD	NPD	1,1	65,42	0,22/0,20	34,61	0,26/0,22	0,42	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/6	NPD	NPD	1,3	76	0,12/0,12	45	0,17/0,22	0,51	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,5	79	0,12/0,12	53	0,26/0,25	0,58	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/6	NPD	NPD	1,2	64	0,26/0,24	38	0,38/0,37	0,41	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 4(20 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/20/6	NPD	NPD	1,4	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 44.2Si(24 air)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/24/13	50(-2;-7)	NPD	1,4	75	0,12/0,11	43	0,19/0,16	0,52	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 66.1Si(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/8	NPD	NPD	1,1	75,19	0,12/0,12	44,44	0,17/0,20	0,51	PASS
SGG CLIMAPLUS ACOUSTIC COOL-LITE XTREME 60/28 F2 6(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	34(-1;-4)	NPD	1,3	60	0,14/0,16	26	0,39/0,46	0,28	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 66.1Si(16 air)55.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/10	NPD	NPD	1,3	61	0,24/0,23	32	0,28/0,29	0,37	PASS
SGG CLIMAPLUS PROTECT PLANITHERM 4S F2 44.2(18 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/18/9	NPD	NPD	1,0	61,90	0,25/0,23	33,46	0,31/0,29	0,38	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/6	NPD	NPD	1,1	63,81	0,26/0,24	37,89	0,38/0,37	0,41	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM 4S F2 6(18 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/5	NPD	NPD	1,3	64,10	0,26/0,24	38,34	0,38/0,38	0,42	PASS
SGG CLIMAPLUS PROTECT PLANITHERM 4S 6(14 argon)44.5	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/14/10	NPD	NPD	1,1	62,28	0,26/0,23	33,88	0,38/0,26	0,41	PASS
SGG CLIMAPLUS PROTECT PLANITHERM 4S 6(14 argon)44.6	NPD	NPD	NPD	NPD	NPD	NPD/P5A	NPD/1B1	40K/40K	6/14/10	NPD	NPD	1,1	62,10	0,26/0,23	33,60	0,38/0,25	0,41	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 6(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,7	63,04	0,26/0,24	35,37	0,38/0,31	0,41	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 6(6 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/6/8	NPD	NPD	2,4	63,04	0,26/0,24	35,37	0,38/0,31	0,41	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 4(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/15/6	NPD	NPD	1,3	64,20	0,26/0,24	36,96	0,41/0,33	0,42	PASS
SGG CLIMAPLUS SAFE 4S F2 44.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	8/16/6	NPD	NPD	1,4	69,00	0,12/0,13	35,53	0,25/0,31	0,39	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	NPD	NPD	1,4	77,48	0,12/0,12	48,49	0,20/0,24	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 66.2(16 argon)66.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/13	NPD	NPD	1,1	73,41	0,11/0,11	41,57	0,16/0,16	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 4(14 air)HN113-S	NPD	NPD	NPD	NPD/BR1-S	NPD	NPD/P4A	NPD/1B1	40K/40K	4/14/14	NPD	NPD	1,4	76,10	0,12/0,11	45,60	0,26/0,15	0,57	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 33.1(14 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/14/6	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 44.1(10 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/6	NPD	NPD	1,7	62,85	0,25/0,24	34,86	0,32/0,33	0,39	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 6(16 argon)44.4Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/16/10	NPD	NPD	1,1	76,79	0,12/0,12	46,71	0,24/0,17	0,60	PASS
SGG CLIMAPLUS SECURIT -H PROTECT SILENCE ULTRA N F3 6(16 argon)44.4Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	1C2/1B1	200K/40K	6/16/10	NPD	NPD	1,1	76,79	0,12/0,12	46,71	0,24/0,17	0,60	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 8(14 argon)64.4Si*	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/16/10	NPD	NPD	1,1	75,42	0,12/0,12	44,52	0,22/0,16	0,59	PASS
SGG CLIMAPLUS SECURIT-H PROTECT SILENCE ULTRA N F3 8(14 argon)64.4Si*	NPD	NPD	NPD	NPD	NPD	NPD/P4A	1C2/1B1	200K/40K	6/16/10	NPD	NPD	1,1	75,42	0,12/0,12	44,52	0,22/0,16	0,59	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/15/6	NPD	NPD	1,1	77,25	0,12/0,12	47,75	0,20/0,22	0,53	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/5	NPD	NPD	1,1	79,49	0,12/0,12	53,95	0,26/0,26	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(14 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/5	NPD	NPD	1,1	79,49	0,12/0,12	53,95	0,26/0,26	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 33.1(12 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/8	NPD	NPD	1,3	77,25	0,12/0,12	47,75	0,22/0,20	0,54	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 33.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/10/8	NPD	NPD	1,6	77,25	0,12/0,12	47,75	0,22/0,20	0,54	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 44.2Si(14 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/14/9	NPD	NPD	1,1	76,10	0,12/0,12	45,59	0,19/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 55.2Si(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	11/12/9	NPD	NPD	1,3	75,42	0,12/0,12	44,52	0,18/0,19	0,54	PASS
SGG CLIMAPLUS ACOUSTIC PLANISTAR SUN F2 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,0	70,78	0,13/0,15	34,91	0,32/0,39	0,37	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 8(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/18/4	NPD	NPD	1,3	78,42	0,12/0,12	51,83	0,22/0,27	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP510(6 argon)44.2	NPD	NPD	NPD	NPD	NPD	P5A/P2A	1B1/1B1	40K/40K	10/6/9	NPD	NPD	2,0	75,20	0,11/0,12	43,94	0,16/0,19	0,54	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/10/6	NPD	NPD	1,8	76,10	0,12/0,12	46,18	0,17/0,24	0,51	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/12/6	NPD	NPD	1,6	76,10	0,12/0,12	46,18	0,17/0,24	0,51	PASS
SGG CLIMAPLUS COOL-LITE STB 120 F2 ULTRA N F3 66.1 (10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/10/6	NPD	NPD	1,8	18,95	0,20/0,28	11,21	0,16/0,35	0,18	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 55.2Si(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	11/12/9	NPD	NPD	1,3	75,42	0,12/0,12	44,52	0,18/0,19	0,54	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(12 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/8	NPD	NPD	1,6	78,42	0,12/0,12	51,83	0,26/0,23	0,58	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	31(-1,-4)	NPD	1,5	67,04	0,11/0,11	47,50	0,20/0,21	0,52	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 44.1(14 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/14/8	NPD	NPD	1,4	62,28	0,25/0,23	34,12	0,32/0,31	0,39	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 66.1(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/14/6	NPD	NPD	1,4	61,90	0,25/0,24	33,90	0,28/0,36	0,38	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 6(18 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/8	NPD	NPD	1,3	63,23	0,26/0,24	37,03	0,38/0,34	0,41	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 6(14 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/8	NPD	NPD	1,4	63,23	0,26/0,24	37,03	0,38/0,34	0,41	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 6(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	NPD	NPD	1,1	77	0,12/0,12	48	0,24/0,19	0,60	PASS
SGG CLIMAPLUS PLANISTAR SUN F2 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,0	71,43	0,13/0,15	35,49	0,35/0,39	0,38	PASS
SGG CLIMAPLUS PROTECT PLANISTAR SUN F2 4(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/15/9	NPD	NPD	1,0	69,73	0,13/0,15	32,75	0,35/0,28	0,38	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 33.1(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/4	NPD	NPD	1,4	78,89	0,12/0,12	51,01	0,22/0,27	0,55	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(18 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,3	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 4(14 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/10	NPD	NPD	1,4	63,04	0,26/0,23	35,37	0,41/0,29	0,42	PASS
SGG CLIMAPLUS PROTECT PLANISTAR SUN F2 44.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	36(-2;-5)	NPD	1,0	68,08	0,12/0,14	31,30	0,25/0,28	0,35	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 6(18 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	NPD	NPD	1,1	77	0,12/0,12	48	0,24/0,19	0,60	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 64.1(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/12/10	NPD	NPD	1,5	67	0,12/0,14	31	0,24/0,27	0,36	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 66.1(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/10/8	NPD	NPD	1,7	61	0,24/0,23	33	0,28/0,31	0,38	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 33.1(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/10/6	NPD	NPD	1,8	77,95	0,12/0,12	48,96	0,22/0,22	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 6(14 air)44.4Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/14/10	NPD	NPD	1,4	76,79	0,12/0,12	46,71	0,24/0,17	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 8(14 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	8/14/9	NPD	NPD	1,4	76,56	0,12/0,12	46,60	0,22/0,19	0,55	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 6(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,5	63,62	0,26/0,24	36,14	0,38/0,33	0,41	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/15/6	NPD	NPD	1,4	77,25	0,12/0,12	47,75	0,20/0,22	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 F3 44.2(14 air)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/14/8	NPD	NPD	1,4	76,56	0,12/0,12	46,60	0,19/0,23	0,53	PASS
SGG CLIMAPLUS SAFE COOL-LITE XTREME 60/28 F2 6(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,4	59,55	0,14/0,16	24,72	0,39/0,38	0,28	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 44.1(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/6	NPD	NPD	1,3	69,10	0,13/0,15	32,27	0,26/0,32	0,36	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN144 II F2 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/15/4	NPD	NPD	1,4	40,37	0,20/0,12	20,02	0,31/0,37	0,23	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 4(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,4	70,57	0,13/0,15	33,65	0,35/0,32	0,38	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(32 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/32/8	NPD	NPD	1,4	77	0,12/0,12	47	0,20/0,20	0,53	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 64.1Si(24 air)86.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/24/14	NPD	NPD	1,4	73,85	0,12/0,11	42,45	0,19/0,16	0,52	PASS
SGG CLIMAPLUS SECURIT SAFE ULTRA N F2 66.1(16 air)8 BRONZE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	12/16/8	NPD	NPD	1,3	34,01	0,09/0,06	21,87	0,16/0,10	0,48	PASS
SGG CLIMAPLUS SECURIT SAFE PLANITHERM S F2 66.1(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	12/12/6	NPD	NPD	1,7	63,90	0,11/0,11	39,72	0,14/0,19	0,45	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 66.1(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/12/6	NPD	NPD	1,7	63,90	0,11/0,11	39,72	0,14/0,19	0,45	PASS
SGG CLIMAPLUS PLANITHERM S F2 6(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	NPD	NPD	1,6	65,85	0,11/0,11	44,94	0,19/0,20	0,50	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1Si(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/14/8	NPD	NPD	1,8	76,56	0,12/0,12	46,60	0,20/0,20	0,53	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/8	NPD	NPD	1,3	75	0,12/0,12	44	0,17/0,20	0,51	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE ST420 F2 ULTRA N F3 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1B1	40K/200K	6/12/8	NPD	NPD	1,6	14	0,23/0,26	7	0,13/0,29	0,13	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 8(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	8/10/8	NPD	NPD	1,8	77	0,12/0,12	47	0,22/0,20	0,55	PASS
SGG CLIMAPLUS SILENCE PLANISTAR SUN F2 6(18 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	6/18/8	NPD	NPD	1,3	69	0,13/0,15	33	0,32/0,29	0,37	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,4	77	0,12/0,12	48	0,24/0,20	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 66.2(16 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/9	NPD	NPD	1,3	75	0,12/0,12	43	0,16/0,19	0,50	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 44.1(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/6	NPD	NPD	1,0	69,10	0,13/0,15	32,27	0,26/0,32	0,36	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 4(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,1	70,57	0,13/0,15	33,65	0,35/0,32	0,38	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS SILENCE ULTRA N F2 66.1(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/8	NPD	NPD	1,6	75,19	0,12/0,12	44,44	0,17/0,20	0,51	PASS
SGG CLIMAPLUS PLANISTAR SUN F2 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,0	71,43	0,13/0,15	35,49	0,35/0,39	0,38	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT155 F2 6(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,7	46,44	0,17/0,10	29,39	0,19/0,17	0,37	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT155 F2 44.1(12 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/12	NPD	NPD	1,9	45,09	0,17/0,10	26,87	0,17/0,15	0,35	PASS
SGG CLIMAPLUS COOL-LITE KNT155 F2 6(18 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/6	NPD	NPD	1,7	47,00	0,17/0,10	31,66	0,19/0,20	0,37	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 10(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/15/9	42(-2;-5)	NPD	1,1	75,85	0,12/0,12	45,16	0,20/0,19	0,57	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/10/4	NPD	NPD	1,8	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N SATINOVO MATE 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/10/6	NPD	NPD	1,7	63,04	0,25/0,24	35,36	0,32/0,37	0,39	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,5	62,28	0,25/0,23	34,12	0,32/0,31	0,39	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 4(14 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/10	NPD	NPD	1,4	77,48	0,12/0,12	48,49	0,26/0,19	0,57	PASS
SGG CLIMAPLUS PLANISTAR SUN F2 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,1	71,43	0,13/0,15	35,49	0,35/0,39	0,38	PASS
SGG CLIMAPLUS PLANISTAR SUN F2 8(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/8	NPD	NPD	1,0	69	0,13/0,15	33	0,29/0,32	0,37	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/6	NPD	NPD	1,6	78	0,12/0,12	50	0,22/0,24	0,58	PASS
SGG CLIMAPLUS ULTRA N F3 5(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/14/4	NPD	NPD	1,5	79,49	0,12/0,12	53,95	0,26/0,26	0,62	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 66.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/16/6	NPD	NPD	1,3	76,10	0,12/0,12	46,18	0,18/0,24	0,54	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 55.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	10/16/6	NPD	NPD	1,3	76,78	0,12/0,12	47,31	0,19/0,24	0,55	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 4(18 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/18/6	NPD	NPD	1,3	64,20	0,26/0,24	36,96	0,41/0,33	0,42	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 4(16 air)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/12	NPD	NPD	1,3	62,47	0,26/0,23	34,63	0,41/0,27	0,42	PASS
SGG CLIMAPLUS 4S F2 8(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/8	NPD	NPD	1,1	68,58	0,12/0,13	36,30	0,27/0,29	0,40	PASS
SGG CLIMAPLUS SILENCE PLANITHERM S F2 4(14 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,6	66,24	0,11/0,11	43,97	0,20/0,18	0,51	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE KNT140 F2 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/6	NPD	NPD	1,8	36,89	0,23/0,12	22,08	0,24/0,21	0,28	PASS
SGG CLIMAPLUS SAFE 4S F2 6(12 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/12	NPD	NPD	1,6	68	0,12/0,13	34	0,30/0,22	0,41	PASS
SGG CLIMAPLUS PROTECT 4S F2 6(12 air)666.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/19	NPD	NPD	1,6	66	0,11/0,12	32	0,30/0,17	0,41	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/15/6	NPD	NPD	1,4	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS ULTRA N F2 ST120 F3 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	NPD	NPD	1,8	17,74	0,27/0,32	11,47	0,34/0,27	0,39	PASS
SGG CLIMAPLUS ULTRA N F2 ST120 F3 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,6	17,74	0,27/0,32	11,47	0,34/0,27	0,40	PASS
SGG CLIMAPLUS ULTRA N F2 ST120 F3 6(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/6	NPD	NPD	1,4	17,74	0,27/0,32	11,47	0,34/0,27	0,40	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 44.1(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,5	62	0,25/0,23	34	0,32/0,31	0,39	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 66.1(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/8	NPD	NPD	1,3	61,15	0,24/0,23	32,74	0,28/0,31	0,38	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(12 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,4	64,40	0,26/0,24	38,80	0,42/0,37	0,42	PASS
SGG CLIMAPLUS SECURIT SILENCE COOL-LITE SKN165 II F2 6(15 argon)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/15/12	42(-2;-6)	NPD	1,0	58,24	0,16/0,16	27,13	0,30/0,25	0,32	PASS
SGG CLIMAPLUS SECURIT ACOUSTIC COOL-LITE KNT140 F2 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/12/5	NPD	NPD	1,6	37,33	0,23/0,12	23,74	0,24/0,26	0,28	PASS
SGG CLIMAPLUS ACOUSTIC COOL-LITE KNT164 F2 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,7	57,52	0,14/0,10	41,35	0,16/0,19	0,46	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 8(16 air)46.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/10	NPD	NPD	1,3	76,10	0,12/0,12	46,18	0,22/0,19	0,59	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1 OPALE(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/10/4	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	1,5	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 4(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,5	79,13	0,12/0,12	53,22	0,27/0,24	0,62	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 66.1(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/14/6	NPD	NPD	1,4	68,08	0,12/0,15	31,71	0,23/0,35	0,35	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 66.1(14 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/14/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(18 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/18/6	NPD	NPD	1,1	62,85	0,25/0,24	34,86	0,32/0,33	0,39	PASS
SGG CLIMAPLUS COOL-LITE XTREME 60/28 F2 8(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/6	NPD	NPD	1,0	59,20	0,14/0,16	25,18	0,36/0,42	0,28	PASS
SGG CLIMAPLUS COOL-LITE XTREME 60/28 F2 ULTRA N F3 8(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/6	NPD	NPD	1,0	57,88	0,12/0,13	24,06	0,36/0,38	0,28	PASS
SGG CLIMAPLUS SAFE COOL-LITE XTREME 60/28 F2 ULTRA N F3 8(16 argon)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/12	NPD	NPD	1,0	56,19	0,12/0,13	22,66	0,36/0,27	0,28	PASS
SGG CLIMAPLUS SAFE COOL-LITE XTREME 60/28 F2 8(16 argon)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/10	NPD	NPD	1,0	57,98	0,14/0,15	23,86	0,36/0,32	0,28	PASS
SGG CLIMAPLUS SAFE COOL-LITE XTREME 60/28 F2 ULTRA N F3 44.1(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/8	NPD	NPD	1,0	57,03	0,12/0,13	22,97	0,32/0,31	0,27	PASS
SGG CLIMAPLUS ULTRA N F3 3(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/12/4	NPD	NPD	1,6	80,21	0,12/0,12	55,46	0,28/0,27	0,63	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(14 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	4/14/6	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT PROTECT ANTELIO CLEAR F2 ULTRA N F3 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/12/9	37(-1;-4)	NPD	1,3	40	0,27/0,30	28	0,32/0,28	0,37	PASS
SGG CLIMAPLUS SECURIT PROTECT ANTELIO CLEAR F2 ULTRA N F3 6(12 argon)44.2 OPALE	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/12/9	37(-1;-4)	NPD	1,3	40	0,27/0,30	28	0,32/0,28	0,37	PASS
SGG CLIMAPLUS SECURIT ANTELIO CLEAR F2 ULTRA N F3 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/4	NPD	NPD	1,1	41	0,27/0,31	31	0,32/0,37	0,37	PASS
SGG CLIMAPLUS SECURIT PROTECT ANTELIO CLEAR F2 ULTRA N F3 65.4(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1B1	200K/40K	13/12/9	NPD	NPD	1,3	39	0,26/0,30	25	0,22/0,28	0,32	PASS
SGG CLIMAPLUS SECURIT PROTECT ANTELIO CLEAR F2 ULTRA N F3 65.4(12 argon)44.2 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1B1	200K/40K	13/12/9	NPD	NPD	1,3	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT PLANISTAR SUN F2 44.2(18 argon*)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/18/4	NPD	NPD	1,1	70	0,13/0,15	33	0,25/0,39	0,35	PASS
SGG CLIMAPLUS PROTECT PLANISTAR SUN F2 44.2(16 argon*)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/16/6	NPD	NPD	1,0	69	0,13/0,15	32	0,25/0,35	0,35	PASS
SGG CLIMAPLUS PROTECT PLANISTAR SUN F2 44.2(16 argon*)33.2	NPD	NPD	NPD	NPD	NPD	P2A/P1A	1B1/1B1	40K/40K	9/16/7	NPD	NPD	1,0	69	0,13/0,15	32	0,25/0,30	0,35	PASS
SGG CLIMAPLUS SAFE PLANITHERM S 6(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,3	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 8(16 air)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/16/13	NPD	NPD	1,3	75,19	0,12/0,11	44,44	0,22/0,16	0,55	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(14 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/8	NPD	NPD	1,3	65,06	0,11/0,11	41,75	0,18/0,16	0,50	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 33.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/6	NPD	NPD	1,4	78,18	0,12/0,12	49,72	0,22/0,24	0,55	PASS
SGG CLIMAPLUS PROTECT TOTAL+ F3 4(16 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/16/7	NPD	NPD	1,4	78,71	0,12/0,12	55,14	0,19/0,15	0,70	PASS
SGG CLIMAPLUS PROTECT TOTAL+ F3 4(16 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/16/7	NPD	NPD	1,2	78,71	0,12/0,12	55,14	0,19/0,15	0,70	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 44.1(16 argon)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/10	NPD	NPD	1,0	67,87	0,13/0,14	31,34	0,26/0,27	0,36	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 4(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/6	NPD	NPD	1,0	70,57	0,13/0,15	33,65	0,35/0,32	0,38	PASS
SGG CLIMAPLUS PLANISTAR SUN F2 4(16 argon)6 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	NPD	NPD	1,0	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ONE F2 4(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/6	NPD	NPD	1,0	70,14	0,23/0,22	41,42	0,39/0,32	0,47	PASS
SGG CLIMAPLUS SAFE ONE F2 6(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/6	NPD	NPD	1,0	69,50	0,23/0,22	40,48	0,36/0,32	0,46	PASS
SGG CLIMAPLUS ONE F2 4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	34(-1;-4)	NPD	1,0	70,35	0,23/0,22	43,04	0,39/0,36	0,47	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 6(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,0	69,31	0,13/0,15	32,65	0,32/0,29	0,37	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 44.2(15 argon)44.4	NPD	NPD	NPD	NPD	NPD	P2A/P4A	1B1/1B1	40K/40K	9/15/10	NPD	NPD	1,1	75,65	0,12/0,12	44,73	0,19/0,17	0,52	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 44.4(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P4A/P2A	1B1/1B1	40K/40K	10/15/9	NPD	NPD	1,1	75,65	0,12/0,12	44,73	0,17/0,19	0,51	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 ACOUSTIC 6(218 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,1	64,39	0,26/0,24	38,80	0,38/0,40	0,41	PASS
SGG CLIMAPLUS ACOUSTIC 4S 8(10 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/10/6	NPD	NPD	1,4	69,20	0,12/0,13	36,97	0,27/0,31	0,41	PASS
SGG CLIMAPLUS SAFE TOTAL+ F3 33.1(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/16/6	NPD	NPD	1,2	78,00	0,12/0,12	53,60	0,16/0,16	0,65	PASS
SGG CLIMAPLUS PLANISTAR SUN F2 4(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,4	70,78	0,13/0,15	34,91	0,35/0,36	0,38	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 44.1(15 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/15/8	NPD	NPD	1,3	68,48	0,13/0,14	31,80	0,26/0,29	0,36	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS SAFE PLANISTAR SUN F3 44.1(15 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/15/8	NPD	NPD	1,3	68,48	0,14/0,13	31,80	0,29/0,26	0,44	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(10 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/10	NPD	NPD	1,7	61,71	0,25/0,23	33,42	0,32/0,29	0,39	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 44.1(10 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/10	NPD	NPD	1,7	67,87	0,13/0,14	31,34	0,26/0,27	0,36	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 44.1(10 argon)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/10	NPD	NPD	1,4	67,87	0,13/0,14	31,34	0,26/0,27	0,36	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 6(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/6	NPD	NPD	1,3	69,94	0,13/0,15	33,14	0,32/0,32	0,37	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/16/8	NPD	NPD	1,4	77,25	0,12/0,12	47,75	0,22/0,20	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/16/8	NPD	NPD	1,1	77,25	0,12/0,12	47,75	0,22/0,20	0,58	PASS
SGG CLIMAPLUS SAFE COOL-LITE XTREME 60/28 F2 ULTRA N F3 46.1(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/16/8	NPD	NPD	1,0	56,52	0,12/0,13	22,70	0,29/0,31	0,27	PASS
SGG CLIMAPLUS PROTECT SILENCE PLANITHERM 4S F2 6(6 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/6/11	NPD	NPD	1,9	62,28	0,26/0,23	34,13	0,38/0,27	0,41	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 44.1(12 air)88.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/16	NPD	NPD	1,5	60,06	0,25/0,22	31,46	0,32/0,24	0,39	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(10 air)44.1OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/8	NPD	NPD	1,9	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 4(18 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/6	NPD	NPD	1,4	79,13	0,12/0,12	53,22	0,27/0,24	0,62	PASS
SGG CLIMAPLUS SAFE ULTRA N 33.1(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/16/6	NPD	NPD	1,4	77,95	0,12/0,12	48,96	0,22/0,22	0,58	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1(16 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/8	NPD	NPD	1,3	76,56	0,12/0,12	46,60	0,20/0,20	0,53	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1(16 air)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/12	NPD	NPD	1,3	75,19	0,12/0,11	44,44	0,20/0,17	0,53	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN165 II F2 8(14 argon*)66.1 SentryGlass	NPD	NPD	NPD	NPD	NPD	NPD/P1A	1C2/1B1	200K/40K	8/14/12	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE ST167 F2 8(14 argon*)66.1 SentryGlass	NPD	NPD	NPD	NPD	NPD	NPD/P1A	1C2/1B1	200K/40K	8/14/12	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 33.1(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/10/6	NPD	NPD	1,5	77,95	0,12/0,12	48,96	0,22/0,22	0,55	PASS
SGG CLIMAPLUS PLANITHERM ONE F3 3(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/8/4	NPD	NPD	1,1	71,32	0,22/0,23	44,65	0,40/0,39	0,51	PASS
SGG CLIMAPLUS PLANITHERM ONE F3 3(10 krypton*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/10/4	NPD	NPD	0,9	71,32	0,22/0,23	44,65	0,40/0,39	0,51	PASS
SGG CLIMAPLUS PLANITHERM ONE F3 4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	NPD	NPD	1,1	71,00	0,22/0,23	44,10	0,39/0,39	0,50	PASS
SGG CLIMAPLUS ULTRA N F3 3(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/8/4	NPD	NPD	1,2	80,21	0,12/0,12	55,46	0,28/0,27	0,63	PASS
SGG CLIMAPLUS ULTRA N F3 3(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/10/4	NPD	NPD	1,0	80,21	0,12/0,12	55,46	0,28/0,27	0,64	PASS
SGG CLIMAPLUS ULTRA N F3 4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	NPD	NPD	1,2	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS ULTRA N F3 3(8 krypton)3	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/8/3	NPD	NPD	1,2	80,58	0,12/0,12	56,24	0,28/0,28	0,64	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F3 12(14 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C1	200K/200K	12/14/10	NPD	NPD	1,1	74,72	0,11/0,12	44,82	0,18/0,20	0,55	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F3 12(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C1	200K/200K	12/14/10	NPD	NPD	1,1	75,41	0,11/0,12	46,18	0,18/0,22	0,56	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F3 10(18 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C2	200K/200K	10/18/8	NPD	NPD	1,1	76,30	0,12/0,12	47,71	0,20/0,22	0,57	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F3 8(16 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C1	200K/200K	8/16/10	NPD	NPD	1,1	76,30	0,12/0,12	47,71	0,23/0,20	0,59	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F3 10(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C2	200K/200K	10/16/6	NPD	NPD	1,1	76,99	0,12/0,12	48,91	0,20/0,24	0,57	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F3 8(20 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	8/20/8	NPD	NPD	1,1	77,01	0,12/0,12	49,27	0,23/0,22	0,59	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F3 8(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	8/16/8	NPD	NPD	1,1	77,01	0,12/0,12	49,27	0,23/0,22	0,59	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F3 8(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	8/16/8	NPD	NPD	1,1	77,71	0,12/0,12	50,55	0,23/0,24	0,59	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F3 6(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/20/6	NPD	NPD	1,1	78,41	0,12/0,12	51,89	0,25/0,24	0,61	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N II F3 44.2(16 argon)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/1C2	40K/200K	9/16/8	NPD	NPD	1,1	76,55	0,12/0,12	46,65	0,19/0,22	0,56	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F3 8(16 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	40K/200K	8/16/11	NPD	NPD	1,1	75,87	0,12/0,12	45,50	0,22/0,18	0,59	PASS
SGG CLIMATOP N 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/4/8/4	NPD	NPD	0,71	70,70	0,15/0,15	40,30	0,27/0,27	0,50	PASS
SGG CLIMATOP N BIOCLEAN 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/4/8/4	NPD	NPD	0,71	68,80	0,18/0,17	39,40	0,30/0,28	0,49	PASS
SGG CLIMATOP N F2 F5 4(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,54	70,70	0,15/0,15	40,30	0,27/0,27	0,50	PASS
SGG CLIMATOP N BIOCLEAN 4(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,51	68,80	0,18/0,17	39,40	0,30/0,28	0,49	PASS
SGG CLIMATOP MAX F2 4(10 krypton)4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/10/4	NPD	NPD	0,86	73,10	0,17/0,18	52,60	0,25/0,21	0,53	PASS
SGG CLIMATOP MAX F2 4(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,84	73,10	0,17/0,18	52,60	0,25/0,21	0,53	PASS
SGG CLIMATOP ULTRA N F3 F5 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4/8/4	NPD	NPD	0,66	70,70	0,15/0,14	41,50	0,28/0,28	0,53	PASS
SGG CLIMATOP ULTRA N BIOCLEAN 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4/8/4	NPD	NPD	0,96	70,00	0,20/0,18	45,50	0,27/0,28	0,55	PASS
SGG CLIMATOP ULTRA N F2 F5 4(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4/12/4	35(-2;-6)	NPD	0,46	70,70	0,14/0,14	41,40	0,28/0,28	0,50	PASS
SGG CLIMATOP ULTRA N F5 BIOCLEAN 4(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4/12/4	NPD	NPD	0,82	70,00	0,20/0,18	45,50	0,27/0,28	0,55	PASS
SGG CLIMATOP ULTRA N F2 F5 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/4/8/4	NPD	NPD	0,66	70,70	0,14/0,14	41,40	0,28/0,28	0,50	PASS
XXX CLIMATOP ULTRA N F2 F5 4(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,46	70,70	0,14/0,14	41,40	0,28/0,28	0,50	PASS
SGG CLIMATOP ULTRA N F2 F5 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	31 (-1;-5)	NPD	0,72	70,70	0,14/0,14	41,40	0,28/0,28	0,50	PASS
SGG CLIMATOP ULTRA N F2 F5 4(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/4	NPD	NPD	0,6	71	0,15/0,15	42	0,31/0,31	0,50	PASS
SGG CLIMATOP PROTECT ULTRA N 33.2(14 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD/NPD	40K/40K/40K	7/14/416/4	NPD	NPD	0,61	69,50	0,14/0,14	38,30	0,22/0,28	0,46	PASS
SGG CLIMATOP PROTECT ULTRA N 33.2(12 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD/NPD	40K/40K/40K	7/12/4/14/4	NPD	NPD	0,68	69,50	0,14/0,14	38,30	0,22/0,28	0,46	PASS
SGG CLIMATOP N 4(12 air)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	1,09	71,90	0,18/0,17	45,80	0,23/0,26	0,57	PASS
SGG CLIMATOP ULTRA N F5 4(12 air)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	1,05	71,90	0,18/0,16	46,40	0,24/0,27	0,56	PASS
SGG CLIMATOP 4(12 air)4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	31(-1;-5)	NPD	1,90	73,20	0,20/0,20	59,10	0,17/0,17	0,68	PASS
XXX CLIMATOP N F2 F5 4(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,54	70,70	0,15/0,15	40,30	0,27/0,27	0,50	PASS
SGG CLIMATOP ULTRA N 6(10 krypton)4(10 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3/NPD	40K/200K/40K	6/10/4/10/6	32(-2;-4)	NPD	0,58	69,10	0,14/0,15	38,60	0,25/0,24	0,49	PASS
SGG CLIMATOP N 6(12 krypton)6(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/6/12/6	NPD	NPD	0,53	68,30	0,15/0,15	37,00	0,24/0,24	0,48	PASS
SGG CLIMATOP PROTECT N 6(8 krypton)6(8 krypton)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	40K/40K/40K	6/8/6/8/9	NPD	NPD	0,71	67,20	0,15/0,14	34,50	0,23/0,18	0,48	PASS
SGG CLIMATOP N 4(12argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,76	70,70	0,15/0,15	40,30	0,27/0,27	0,50	PASS
SGG CLIMATOP PROTECT N COOL-LITE SKN 172 6(12 krypton)6(12 krypton)66.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	1C2/1C2/1B1	200K/200K/40K	6/12/6/12/13	NPD	NPD	0,52	55,70	0,11/0,13	26,00	0,26/0,16	0,36	PASS
SGG CLIMATOP ULTRA N 4(8 krypton)4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/4/10/4	NPD	NPD	0,61	70,70	0,14/0,14	41,40	0,28/0,28	0,50	PASS
SGG CLIMATOP N 4(8 argon)4(8 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/4/8/4	NPD	NPD	1,02	70,70	0,15/0,15	40,30	0,27/0,27	0,50	PASS
SGG CLIMATOP N 4(14 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/12/4	NPD	NPD	0,72	70,70	0,15/0,15	40,30	0,27/0,27	0,50	PASS
SGG CLIMATOP N 4(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/4	NPD	NPD	0,68	70,70	0,15/0,15	40,30	0,27/0,27	0,50	PASS
SGG CLIMATOP N 4(12 argon)6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/6/12/4	NPD	NPD	0,76	69,90	0,15/0,15	39,90	0,27/0,27	0,49	PASS
SGG CLIMATOP N 5(12 krypton)5(12 krypton)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/12/5/12/5	NPD	NPD	0,53	69,90	0,15/0,15	38,60	0,25/0,25	0,49	PASS
SGG CLIMATOP ULTRA N F2 F5 DIAMANT 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,72	73,30	0,14/0,14	45,90	0,34/0,34	0,53	PASS
SGG CLIMATOP PROTECT N 8(10 krypton)6(10 krypton)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	40K/40K/40K	8/10/6/10/9	NPD	NPD	0,60	66,40	0,14/0,14	33,70	0,21/0,18	0,46	PASS
SGG CLIMATOP PROTECT N 5(12 krypton)5(12 krypton)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	40K/40K/40K	5/12/5/12/9	NPD	NPD	0,53	68,00	0,15/0,15	35,50	0,25/0,19	0,49	PASS
SGG CLIMATOP ULTRA N 4(10 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/10/4	NPD	NPD	0,83	70,70	0,14/0,14	41,40	0,28/0,28	0,50	PASS
SGG CLIMATOP ULTRA N 5(12 argon)5(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/12/5/12/5	NPD	NPD	0,72	69,50	0,14/0,14	39,60	0,26/0,26	0,49	PASS
SGG CLIMATOP PROTECT N 4(8 krypton)4(8 krypton)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	40K/40K/40K	4/8/4/8/9	NPD	NPD	0,71	68,80	0,15/0,15	36,50	0,26/0,19	0,50	PASS
SGG CLIMATOP FUTUR N 4(12 argon)4(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/6	NPD	NPD	0,76	69,90	0,15/0,15	39,20	0,26/0,24	0,50	PASS
SGG CLIMATOP N 4(10 krypton)4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/10/4	NPD	NPD	0,61	70,70	0,15/0,15	40,30	0,27/0,27	0,50	PASS
SGG CLIMATOP N 5(10 krypton)5(8 krypton)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/10/5/8/5	NPD	NPD	0,99	70,70	0,18/0,17	43,60	0,21/0,25	0,56	PASS
SGG CLIMATOP ULTRA N 5(12 krypton)5(10 krypton)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/12/5/8/5	NPD	NPD	0,52	69,50	0,14/0,14	39,60	0,26/0,26	0,49	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMATOP PROTECT N 4(8 krypton)4(8 krypton)44.4	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P4A	NPD/NPD/1B1	40K/40K/40K	4/8/4/8/10	NPD	NPD	0,71	68,50	0,15/0,15	35,80	0,26/0,17	0,50	PASS
SGG CLIMATOP N 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/4/8/4	NPD	NPD	1,01	71,90	0,18/0,17	45,80	0,23/0,26	0,57	PASS
SGG CLIMATOP N II 6(12 argon)6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/6/12/6	NPD	NPD	0,76	68,30	0,15/0,15	37,00	0,24/0,24	0,48	PASS
SGG CLIMATOP N 4(12 krypton)5(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/5/12/4	NPD	NPD	0,53	70,30	0,15/0,15	39,70	0,26/0,26	0,50	PASS
SGG CLIMATOP N 8(10 krypton)6(8 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/10/6/8/6	31(-1;-4)	NPD	0,65	67,90	0,15/0,15	36,00	0,21/0,23	0,47	PASS
SGG CLIMATOP PROTECT N 4(10 krypton)44.2(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD/P2A/NPD	NPD/1B1/NPD	40K/40K/40K	4/10/9/10/4	NPD	NPD	0,60	68,80	0,15/0,15	36,30	0,25/0,25	0,48	PASS
SGG CLIMATOP SAFE N 4(14 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C3	40K/40K/200K	4/14/4/10/4	NPD	NPD	0,94	70,80	0,15/0,16	40,50	0,27/0,24	0,50	PASS
SGG CLIMATOP N 4(10 krypton)4(14 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/14/4	NPD	NPD	0,57	70,70	0,15/0,15	40,30	0,26/0,26	0,50	PASS
SGG CLIMATOP N 4(12 air)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	1,09	71,90	0,18/0,17	45,80	0,23/0,26	0,57	PASS
SGG CLIMATOP 3(12 air)3(12 air)3	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/12/3/12/3	NPD	NPD	1,91	74,70	0,20/0,20	63,10	0,18/0,18	0,70	PASS
SGG CLIMATOP N MONUMENTAL S 4(12 air)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	1,83	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMATOP SECURIT 4(12 air)4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/12/4/12/4	NPD	NPD	1,90	73,20	0,20/0,20	59,10	0,17/0,17	0,68	PASS
SGG CLIMATOP N 6(12 air)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4/12/4	NPD	NPD	1,09	71,50	0,18/0,17	44,30	0,21/0,26	0,55	PASS
SGG CLIMATOP SECURIT N 4(12 air)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/12/4/12/4	NPD	NPD	1,26	71,90	0,17/0,18	45,80	0,26/0,23	0,57	PASS
SGG CLIMATOP N COTSWOLD 4(12 air)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	1,09	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMATOP COTSWOLD 4(12 air)4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	1,90	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMATOP SAFE N 4(12 argon)4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C3	40K/40K/200K	4/12/4/12/4	NPD	NPD	1,09	71,90	0,17/0,18	45,80	0,26/0,23	0,53	PASS
XXX CLIMATOP ULTRA N F5 4(12 air)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	1,05	71,90	0,18/0,16	46,40	0,24/0,27	0,56	PASS
SGG CLIMATOP PROTECT N 6(12 air)4(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1B1	40K/40K/40K	6/12/4/12/4	NPD	NPD	1,25	69,10	0,17/0,17	39,40	0,23/0,17	0,50	PASS
SGG CLIMATOP PROTECT N 44.2(12 air)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/NPD	40K/40K/40K	9/12/4/12/4	NPD	NPD	1,09	70,00	0,17/0,17	40,70	0,17/0,26	0,50	PASS
SGG CLIMATOP COOL-LITE SKN154 6(12 argon)4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4/12/4	NPD	NPD	1,04	45,90	0,20/0,24	21,60	0,33/0,34	0,25	PASS
SGG CLIMATOP SAFE N 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/NPD	200K/40K/200K	4/12/4/12/4	NPD	NPD	1,07	71,90	0,17/0,18	45,80	0,26/0,23	0,58	PASS
SGG CLIMATOP N 4(16 argon)4(16 argon)4 STS	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	NPD	NPD	0,91	71,90	0,18/0,17	45,80	0,23/0,26	0,57	PASS
SGG CLIMATOP N 4(12 argon)4(16 argon)4 STS	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/16/4	NPD	NPD	0,92	71,90	0,18/0,17	45,80	0,23/0,26	0,57	PASS
SGG CLIMATOP N 4(9 argon)4(9 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/9/4/9/4	NPD	NPD	1,25	71,90	0,18/0,17	45,80	0,23/0,26	0,57	PASS
SGG CLIMATOP N 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	1,02	72,60	0,18/0,17	42,10	0,24/0,29	0,57	PASS
SGG CLIMATOP N 6(12 argon)4(12 argon)6 STS	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/4/12/6	NPD	NPD	1,06	70,30	0,18/0,17	42,90	0,21/0,24	0,55	PASS
SGG CLIMATOP N 6(16 argon)4(16 argon)6 STS	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/4/16/6	NPD	NPD	0,91	70,30	0,18/0,17	42,90	0,21/0,24	0,55	PASS
SGG CLIMATOP N 4(12 argon)4(12 argon) 4 (See note below)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	1,02	72,60	0,18/0,17	42,10	0,24/0,29	0,57	PASS
SGG CLIMATOP N 4(16 argon)4(16 argon)4 (See note below)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	NPD	NPD	0,91	71,90	0,18/0,17	45,80	0,23/0,26	0,57	PASS
SGG CLIMATOP N 4(12 argon)4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/15/4	NPD	NPD	0,70	70,70	0,15/0,15	40,30	0,27/0,27	0,50	PASS
SGG CLIMATOP 6(12 air)6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/6/12/6	NPD	NPD	1,88	70,70	0,19/0,19	52,30	0,15/0,15	0,63	PASS
SGG CLIMATOP ULTRA N F2 F5 BIOCLEAN 4(10 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/10/4	NPD	NPD	0,84	68,80	0,17/0,16	40,50	0,32/0,29	0,49	PASS
SGG CLIMATOP ULTRA N F2 F5 BIOCLEAN 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,73	68,80	0,17/0,16	40,50	0,32/0,29	0,49	PASS
SGG CLIMATOP ULTRA N F2 F5 BIOCLEAN 4(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/4	NPD	NPD	0,64	68,80	0,17/0,16	40,50	0,32/0,29	0,49	PASS
SGG CLIMATOP ULTRA N F2 F5 BIOCLEAN 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	34(-2;-6)	NPD	0,54	68,80	0,17/0,16	40,50	0,32/0,29	0,49	PASS
SGG CLIMATOP 4S BIOCLEAN ULTRA N F5 4(10 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/10/4	NPD	NPD	0,84	61,40	0,17/0,17	31,40	0,38/0,31	0,37	PASS
SGG CLIMATOP 4S BIOCLEAN ULTRA N F5 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,73	61,40	0,17/0,17	31,40	0,38/0,31	0,37	PASS
SGG CLIMATOP 4S BIOCLEAN ULTRA N F5 4(14 argon)4(14 argon)4 ULTRA N	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/4	NPD	NPD	0,64	61,40	0,17/0,17	31,40	0,38/0,31	0,37	PASS
SGG CLIMATOP 4S BIOCLEAN ULTRA N F5 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	35(-1;-6)	NPD	0,59	61,40	0,17/0,17	31,40	0,38/0,31	0,37	PASS
SGG CLIMATOP ULTRA N BIOCLEAN PROTECT 4(10 argon)4(10 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	40K/40K/40K	4/10/4/10/9	NPD	NPD	1,15	67,90	0,19/0,19	40,30	0,30/0,18	0,52	PASS
SGG CLIMATOP ULTRA N F2 BIOCLEAN PROTECT 4(12 argon)4(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	40K/40K/40K	4/12/4/12/9	NPD	NPD	1,03	67,90	0,19/0,19	40,30	0,30/0,18	0,52	PASS
SGG CLIMATOP 4S BIOCLEAN PROTECT 4(10 argon)4(10 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	40K/40K/40K	4/10/4/10/9	NPD	NPD	0,84	59,60	0,17/0,16	29,10	0,38/0,21	0,37	PASS
SGG CLIMATOP 4S BIOCLEAN PROTECT 4(12 argon)4(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	40K/40K/40K	4/12/4/12/9	NPD	NPD	0,73	59,60	0,17/0,16	29,10	0,38/0,21	0,37	PASS
SGG CLIMATOP ULTRA N F2 BIOCLEAN SILENCE 4(10 argon)4(10 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	40K/40K/40K	4/10/4/10/8	NPD	NPD	1,15	68,20	0,19/0,19	40,90	0,30/0,19	0,52	PASS
SGG CLIMATOP ULTRA N F2 BIOCLEAN SILENCE 4(12 argon)4(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	40K/40K/40K	4/12/4/12/8	NPD	NPD	1,03	68,20	0,19/0,19	40,90	0,30/0,19	0,52	PASS
SGG CLIMATOP 4S BIOCLEAN SILENCE 4(10 argon)4(10 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	4/10/4/10/8	NPD	NPD	0,84	59,80	0,17/0,16	29,40	0,38/0,23	0,37	PASS
SGG CLIMATOP 4S BIOCLEAN SILENCE 4(12 argon)4(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	4/12/4/12/8	NPD	NPD	0,73	59,80	0,17/0,16	29,40	0,38/0,23	0,37	PASS
SGG CLIMATOP BIOCLEAN ULTRA N F2 F5 6(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	6/12/4/12/4	36(-1;-5)	NPD	0,73	68,00	0,16/0,16	39,30	0,29/0,29	0,48	PASS
SGG CLIMATOP 4S BIOCLEAN ULTRA N F5 6(10 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/10/4/10/4	NPD	NPD	0,84	60,70	0,17/0,17	30,70	0,34/0,31	0,36	PASS
SGG CLIMATOP 4S BIOCLEAN ULTRA N F5 6(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/4/12/4	36(-1;-5)	NPD	0,73	60,70	0,17/0,17	30,70	0,34/0,31	0,36	PASS
SGG CLIMATOP 4S BIOCLEAN ULTRA N F5 6(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/14/4/14/4	NPD	NPD	0,64	60,70	0,17/0,17	30,70	0,34/0,31	0,36	PASS
SGG CLIMATOP ULTRA N SILENCE WS 44/47	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/12/4/12/8	47(-2;-6)	NPD	0,72	67,10	0,13/0,13	35,30	0,20/0,20	0,45	PASS
SGG CLIMATOP ULTRA N SILENCE WS 48/46	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	10/12/6/12/8	46(-2;-6)	NPD	0,71	66,60	0,13/0,13	34,90	0,22/0,20	0,47	PASS
SGG CLIMATOP ULTRA N SILENCE 50/50	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/2B2	40K/40K/40K	12/12/6/12/8	50(-2;-6)	NPD	0,71	65,50	0,13/0,13	33,50	0,18/0,20	0,44	PASS
SGG CLIMATOP ULTRA N ACOUSTIC 42/38	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	8/12/4/12/6	38(-1;-3)	NPD	0,49	68,30	0,14/0,14	38,00	0,23/0,25	0,47	PASS
SGG CLIMATOP ULTRA N SILENCE 44/45	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	8/12/4/12/8	45(-2;-6)	NPD	0,49	67,30	0,13/0,13	35,80	0,23/0,20	0,47	PASS
SGG CLIMATOP ULTRA N ACOUSTIC 38/36	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/4/12/4	36(-1;-5)	NPD	0,72	69,90	0,14/0,14	40,20	0,25/0,28	0,49	PASS
SGG CLIMATOP ULTRA N ACOUSTIC 42/39	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/12/4/12/6	39(-1;-4)	NPD	0,72	68,30	0,14/0,14	38,00	0,23/0,25	0,47	PASS
SGG CLIMATOP ULTRA N ACOUSTIC 44/40	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	10/12/4/12/6	40(-1;-3)	NPD	0,72	68,40	0,14/0,14	38,10	0,23/0,25	0,47	PASS
SGG CLIMATOP ULTRA N SILENCE WS 42/42	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	6/12/4/12/8	42(-1;-5)	NPD	0,72	68,10	0,14/0,13	36,80	0,25/0,21	0,49	PASS
SGG CLIMATOP ULTRA N SILENCE 44/45	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	8/12/4/12/8	45(-2;-6)	NPD	0,72	67,30	0,13/0,13	35,80	0,23/0,20	0,47	PASS
SGG CLIMATOP ULTRA N F2-F5 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	32(-2;-5)	NPD	0,58	70,70	0,14/0,14	41,40	0,28/0,28	0,50	PASS
SGG CLIMATOP 6(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/4/12/4	36(-1;-5)	NPD	0,71	69,90	0,14/0,14	40,10	0,25/0,28	0,49	PASS
SGG CLIMATOP 8(12 krypton)4(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/12/4/12/6	38(-1;-3)	NPD	0,47	68,30	0,13/0,14	37,90	0,23/0,25	0,47	PASS
SGG CLIMATOP 8(12 argon)4(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/12/4/12/6	39(-1;-4)	NPD	0,71	68,30	0,13/0,14	37,90	0,23/0,25	0,47	PASS
SGG CLIMATOP 10(12 argon)4(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	10/12/4/12/6	40(-1;-3)	NPD	0,70	68,40	0,13/0,14	38,00	0,23/0,25	0,47	PASS
SGG CLIMATOP ULTRA N F2 F5 SILENCE 6(12 argon)4(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	6/12/4/12/8	42(-1;-5)	NPD	0,71	68,10	0,14/0,13	36,60	0,25/0,20	0,48	PASS
SGG CLIMATOP ULTRA N F2 F5 SILENCE 8(12 argon)4(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	8/12/4/12/8	45(-2;-6)	NPD	0,70	67,30	0,13/0,13	35,70	0,23/0,20	0,47	PASS
SGG CLIMATOP ULTRA N F2 F5 SILENCE 8(12 krypton)4(12 krypton)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	8/12/4/12/8	45(-2;-6)	NPD	0,47	67,30	0,13/0,13	35,70	0,23/0,20	0,47	PASS
SGG CLIMATOP ULTRA N F2 F5 SILENCE 10(12 argon)4(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	10/12/4/12/8	46(-2;-6)	NPD	0,70	67,40	0,13/0,13	35,80	0,23/0,20	0,47	PASS
SGG CLIMATOP ULTRA N F2 F5 SILENCE 44.1Si(12 argon)4(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	8/12/4/12/8	47(-2;-6)	NPD	0,70	67,10	0,13/0,13	35,20	0,20/0,20	0,45	PASS
SGG CLIMATOP ULTRA N F2 F5 SILENCE 66.1Si(12 argon)6(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/2B2	40K/40K/40K	12/12/6/12/8	50(-2;-6)	NPD	0,70	65,50	0,13/0,13	33,00	0,17/0,20	0,43	PASS
SGG CLIMATOP LIGHT (12 mm Argon Ug 0.7)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	3/12/3/12/3	NPD	NPD	0,70	73,00	0,03/0,03	43,50	0,15/0,15	0,51	PASS
SGG CLIMATOP MAX F2 F5 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/4/8/4	NPD	NPD	0,69	74,50	0,15/0,15	54,40	0,27/0,27	0,60	PASS
SGG CLIMATOP MAX F2 F5 4(10 krypton)4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/10/4	NPD	NPD	0,58	74,50	0,15/0,15	54,40	0,27/0,27	0,60	PASS
SGG CLIMATOP MAX F2 F5 4(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,51	74,50	0,15/0,15	54,40	0,27/0,27	0,60	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMATOP MAX F2 F5 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,73	74	0,15/0,15	53	0,27/0,27	0,60	PASS
SGG CLIMATOP MAX F2 F5 4(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/4	NPD	NPD	0,7	74	0,15/0,15	53	0,27/0,27	0,60	PASS
SGG CLIMATOP RELAX F2 PLT UN F5 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/4/8/4	NPD	NPD	0,66	61,60	0,13/0,14	32,20	0,34/0,30	0,38	PASS
SGG CLIMATOP RELAX F2 ULTRA N F5 4(10 krypton)4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/10/4	NPD	NPD	0,49	61,90	0,13/0,14	32,20	0,34/0,30	0,38	PASS
SGG CLIMATOP RELAX F2 ULTRA N F5 4(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,49	61,90	0,13/0,14	32,20	0,34/0,30	0,38	PASS
SGG CLIMATOP RELAX F2 ULTRA N F5 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,72	61,90	0,13/0,14	32,20	0,34/0,30	0,38	PASS
SGG CLIMATOP RELAX F2 ULTRA N F5 4(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,64	61,90	0,13/0,14	32,20	0,34/0,30	0,38	PASS
SGG CLIMATOP ACOUSTIC ULTRA N F2 F5 6(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/4/12/4	35 (-1;-5)	NPD	0,72	69,90	0,14/0,14	40,20	0,25/0,28	0,49	PASS
SGG CLIMATOP ACOUSTIC ULTRA N F2 F5 8(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/12/4/12/4	37 (-1;-5)	NPD	0,72	69,10	0,14/0,14	39,10	0,23/0,28	0,47	PASS
SGG CLIMATOP SILENCE ULTRA N F2 F5 44.1(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	2B2/NPD/NPD	40K/40K/40K	9/12/4/12/4	38 (-1;-5)	NPD	NPD	0,72	68,90	0,14/0,14	37,80	0,21/0,28	0,46	PASS
SGG CLIMATOP ACOUSTIC ULTRA N F2 F5 44.2(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/NPD	40K/40K/40K	9/12/4/12/4	37 (-2;-6)	NPD	0,72	68,70	0,14/0,14	37,30	0,19/0,28	0,45	PASS
SGG CLIMATOP PLANITHERM S F3 BIOCLEAN 6(10 air)4(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	6/10/4/10/6	NPD	NPD	1,48	57,3	0,17/0,18	35,4	0,24/0,18	0,53	PASS
SGG CLIMATOP N F3 BIOCLEAN 6(10 air)4(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	6/10/4/10/6	NPD	NPD	1,42	68,2	0,19/0,19	40	0,26/0,20	0,53	PASS
SGG CLIMATOP SILENCE ULTRA N F3 F5 44.1Si(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/NPD	40K/40K/40K	9/12/4/12/4	38 (-1;-5)	NPD	0,72	68,90	0,14/0,13	37,80	0,20/0,28	0,48	PASS
SGG CLIMATOP PLANITHERM ONE 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	34(-2;-5)	NPD	0,53	58	0,31/0,31	31	0,43/0,43	0,37	PASS
SGG CLIMATOP PLANITHERM ONE 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	31(-1;-5)	NPD	0,67	58	0,31/0,31	31	0,43/0,43	0,37	PASS
SGG CLIMATOP PLANITHERM ONE 4(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	31(-1;-5)	NPD	0,44	58	0,31/0,31	31	0,43/0,43	0,37	PASS
SGG CLIMATOP PLANITHERM ONE 4(10 krypton)4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/10/4	NPD	NPD	0,51	58	0,31/0,31	31	0,43/0,43	0,37	PASS
SGG CLIMATOP PLANITHERM ONE 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/4/8/4	NPD	NPD	0,62	58	0,31/0,31	31	0,43/0,43	0,37	PASS
SGG CLIMATOP TOTAL F3 F5 DIAMANT 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	32(-2;-5)	NPD	0,78	70	0,15/0,15	45	0,29/0,23	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F2& F5 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/12/4/12/4	NPD	NPD	0,74	74,3	0,15/0,15	53,7	0,28/0,28	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F2& F5 4(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/12/4/12/4	NPD	NPD	0,51	74,3	0,15/0,15	53,7	0,28/0,28	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F2& F5 4(10 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/10/4/10/4	NPD	NPD	0,9	74,3	0,15/0,15	53,7	0,28/0,28	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F2& F5 4(10 krypton)4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/10/4/10/4	NPD	NPD	0,58	74,3	0,15/0,15	53,7	0,28/0,28	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F2& F5 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/8/4/8/4	NPD	NPD	0,69	74,3	0,15/0,15	53,7	0,28/0,28	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F5 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C3	40K/40K/200K	4/12/4/12/4	NPD	NPD	0,74	74,1	0,15/0,15	54	0,27/0,28	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F5 4(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C3	40K/40K/200K	4/12/4/12/4	NPD	NPD	0,51	74,1	0,15/0,15	54	0,27/0,28	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F5 4(10 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C3	40K/40K/200K	4/10/4/10/4	NPD	NPD	0,9	74,1	0,15/0,15	54	0,27/0,28	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F5 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C3	40K/40K/200K	4/8/4/8/4	NPD	NPD	0,69	74,1	0,15/0,15	54	0,27/0,28	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F5 4(10 krypton)4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C3	40K/40K/200K	4/10/4/10/4	NPD	NPD	0,59	74,1	0,15/0,15	54	0,27/0,28	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F2 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/NPD	200K/40K/40K	4/12/4/12/4	NPD	NPD	0,74	74,1	0,15/0,15	54	0,28/0,27	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F2 4(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/NPD	200K/40K/40K	4/12/4/12/4	NPD	NPD	0,51	74,1	0,15/0,15	54	0,28/0,27	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F2 4(10 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/NPD	200K/40K/40K	4/10/4/10/4	NPD	NPD	0,9	74,1	0,15/0,15	54	0,28/0,27	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F2 4(10 krypton)4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/NPD	200K/40K/40K	4/10/4/10/4	NPD	NPD	0,58	74,1	0,15/0,15	54	0,28/0,27	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F2 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/NPD	200K/40K/40K	4/8/4/8/4	NPD	NPD	0,69	74,1	0,15/0,15	54	0,28/0,27	0,60	PASS
SGG CLIMATOP MAX F2 F5 4(10 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/10/4	NPD	NPD	0,9	74	0,15/0,15	53	0,27/0,27	0,60	PASS
SGG CLIMATOP MAX F2 F5 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	NPD	NPD	0,6	74	0,15/0,15	53	0,27/0,27	0,60	PASS
SGG CLIMATOP MAX F2 F5 4(10 argon*)4(10 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/10/4	NPD	NPD	0,9	74	0,15/0,15	53	0,27/0,27	0,60	PASS
SGG CLIMATOP MAX F2 F5 4(12 argon*)4(12 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,8	74	0,15/0,15	53	0,27/0,27	0,60	PASS
SGG CLIMATOP MAX F2 F5 4(14 argon*)4(14 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/4	NPD	NPD	0,7	74	0,15/0,15	53	0,27/0,27	0,60	PASS
SGG CLIMATOP MAX F2 F5 4(16 argon*)4(16 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	NPD	NPD	0,6	74	0,15/0,15	53	0,27/0,27	0,60	PASS
SGG CLIMATOP ULTRA N F2 -F5 BIOCLEAN PROTECT 44.2(10 argon)4(10 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	9/10/4/10/9	NPD	NPD	0,84	64,8	0,16/0,15	33,8	0,23/0,20	0,44	PASS
SGG CLIMATOP ULTRA N F2 -F5 BIOCLEAN PROTECT 44.2(12 argon)4(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	9/12/4/12/9	NPD	NPD	0,73	64,8	0,16/0,15	33,8	0,23/0,20	0,44	PASS
SGG CLIMATOP ULTRA N F2 -F5 BIOCLEAN PROTECT 44.2(14 argon)4(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	9/14/4/14/9	NPD	NPD	0,65	64,8	0,16/0,15	33,8	0,23/0,20	0,44	PASS
SGG CLIMATOP ULTRA N F2 -F5 BIOCLEAN PROTECT 44.2(16 argon)4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	9/16/4/16/9	NPD	NPD	0,59	64,8	0,16/0,15	33,8	0,23/0,20	0,44	PASS
SGG CLIMATOP ULTRA N F2 -F5 BIOCLEAN 4(10 argon)4(10 argon)SP510	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/10/10	NPD	NPD	0,84	66,0	0,16/0,15	35,2	0,31/0,18	0,49	PASS
SGG CLIMATOP ULTRA N F2 -F5 BIOCLEAN 4(12 argon)4(12 argon)SP510	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/10	NPD	NPD	0,73	66,0	0,16/0,15	35,2	0,31/0,18	0,49	PASS
SGG CLIMATOP ULTRA N F2 -F5 BIOCLEAN 4(14 argon)4(14 argon)SP510	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/10	NPD	NPD	0,65	66,0	0,16/0,15	35,2	0,31/0,18	0,49	PASS
SGG CLIMATOP ULTRA N F2 -F5 BIOCLEAN 4(16 argon)4(16 argon)SP510	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/10	NPD	NPD	0,59	66,0	0,16/0,15	35,2	0,31/0,18	0,49	PASS
SGG CLIMATOP ULTRA N PROTECT SILENCE 6(12 argon)4(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1B1	40K/40K/40K	6/12/4/12/9	NPD	NPD	0,7	68	0,14/0,13	36	0,25/0,19	0,48	PASS
SGG CLIMATOP PROTECT SILENCE ULTRA N F2 F5 44.2Si(12 argon)4(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD	1B1/NPD/1B1	40K/40K/40K	9/12/4/12/9	NPD	NPD	0,70	67	0,13/0,13	35	0,19/0,19	0,45	PASS
SGG CLIMATOP ULTRA N F2 F5 4(18 argon)4(18 argon)4 SWS	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/18/4/18/4	NPD	NPD	0,5	71	0,14/0,14	41	0,28/0,28	0,50	PASS
SGG CLIMATOP ULTRA N F2 F5 4(18 argon)4(18 argon)4 SWS V	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/18/4/18/4	NPD	NPD	0,5	71	0,14/0,14	41	0,28/0,28	0,50	PASS
SGG CLIMATOP ULTRA N F2 F5 4(18 argon)4(18 argon)4 STEEL	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/18/4/18/4	NPD	NPD	0,5	71	0,14/0,14	41	0,28/0,28	0,50	PASS
SGG CLIMATOP PLANITHERM S F2 6(10 air)4(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/10/4/8/4	NPD	NPD	1,5	60	0,15/0,17	41	0,21/0,23	0,47	PASS
SGG CLIMATOP ULTRA N F2 F5 4(10 krypton)4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/10/4	NPD	NPD	0,6	71	0,15/0,15	42	0,31/0,31	0,50	PASS
SGG CLIMATOP ULTRA N F2 F5 6(10 krypton)6(10 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/10/6/10/6	NPD	NPD	0,6	69	0,15/0,15	39	0,28/0,28	0,49	PASS
SGG CLIMATOP ULTRA N F2 F5 6(18 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/18/6/18/6	NPD	NPD	0,5	69	0,15/0,15	39	0,28/0,28	0,49	PASS
SGG CLIMATOP ULTRA N F2 F5 8(10 krypton)6(10 krypton)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/10/6/10/8	NPD	NPD	0,6	68	0,15/0,15	38	0,26/0,26	0,48	PASS
SGG CLIMATOP ULTRA N F2 F5 8(18 argon)6(18 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/18/6/18/8	NPD	NPD	0,5	68	0,15/0,15	38	0,26/0,26	0,48	PASS
SGG CLIMATOP ULTRA N F2 - F5 PROTECT 44.2(12 argon)4(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	9/12/4/12/6	NPD	NPD	0,7	69	0,15/0,15	38	0,22/0,28	0,46	PASS
SGG CLIMATOP ULTRA N F2 - F5 8(12 argon)4(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/12/4/12/6	39(-1;-4)	NPD	0,7	69	0,15/0,15	40	0,26/0,28	0,48	PASS
SGG CLIMATOP ULTRA N F2-F5 4(16 argon*)4(16 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	32(-2;-5)	NPD	0,58	71	0,15/0,15	42	0,31/0,31	0,50	PASS
SGG CLIMATOP 4S F2 PLT UN F5 4(15 argon)4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/15/4/15/4	NPD	NPD	0,6	63	0,14/0,16	33	0,34/0,33	0,38	PASS
SGG CLIMATOP LUX F2 F5 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	31(-1;-5)	NPD	0,8	73	0,17/0,17	53	0,20/0,20	0,62	PASS
SGG CLIMATOP LUX F2 F5 4(12 argon*)4(12 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	31(-1;-5)	NPD	0,8	73	0,17/0,17	53	0,20/0,20	0,62	PASS
SGG CLIMATOP LUX F2 F5 4(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/4	NPD	NPD	0,7	73	0,17/0,17	53	0,20/0,20	0,62	PASS
SGG CLIMATOP LUX F2 F5 4(14 argon*)4(14 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/4	NPD	NPD	0,7	73	0,17/0,17	53	0,20/0,20	0,62	PASS
SGG CLIMATOP ULTRA N F2 4(10 air)4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/10/4	NPD	NPD	1,4	73	0,18/0,18	48	0,29/0,27	0,54	PASS
SGG CLIMATOP SAFE N F2 4(15 air)4(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	4/15/4/15/6	NPD	NPD	1,1	71	0,17/0,18	45	0,27/0,22	0,54	PASS
SGG CLIMATOP SILENCE PLANITHERM 4S F2 6(10 air)55.1Si(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD/P1A/NPD	NPD/2B2/NPD	40K/40K/40K	6/10/10/10/4	NPD	NPD	1,4	57	0,29/0,27	32	0,38/0,29	0,38	PASS
SGG CLIMALTOP SECURIT COOL-LITE SKN165 II F2 8(10 argon)6(10 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/NPD	40K/40K	8/10/6/10/8	NPD	NPD	1,1	53	0,19/0,21	26	0,29/0,29	0,30	PASS
SGG CLIMATOP ULTRA N F2 F5 6(12 argon)6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/6/12/6	NPD	NPD	0,7	69	0,15/0,15	39	0,28/0,28	0,49	PASS
SGG CLIMATOP PROTECT ULTRA N F2 F5 SP510(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K/40K	10/16/4/16/4	NPD	NPD	0,6	68	0,15/0,15	37	0,19/0,30	0,44	PASS
SGG CLIMATOP SAFE ULTRA N F2 44.1(8 argon)4(8 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/2B2	40K/40K/40K	8/8/4/8/8	NPD	NPD	1,3	70	0,17/0,17	41	0,23/0,21	0,49	PASS
SGG CLIMATOP ULTRA N F2 4(8 argon)4(8 argon)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/4/8/4	NPD	NPD	1,3	69	0,17/0,17	46	0,29/0,25	0,53	PASS
SGG CLIMATOP ULTRA N F2 4(8 argon)4(8 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/4/8/4	NPD	NPD	1,3	73	0,18/0,18	48	0,29/0,27	0,54	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMATOP PLANITHERM S F2 SATINOVO 6(12 air)4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/4/12/4	NPD	NPD	1,3	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMATOP PLANITHERM S F2 SATINOVO 4(12 air)4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	31(-1;-5)	NPD	1,3	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMATOP 4(16 air)4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	NPD	NPD	1,8	74	0,20/0,20	63	0,18/0,18	0,70	PASS
SGG CLIMATOP SILENCE ULTRA N F4 44.1Si(8 air)4(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/2B2	40K/40K/40K	8/8/4/12/8	NPD	NPD	1,3	70	0,18/0,17	41	0,21/0,23	0,49	PASS
SGG CLIMATOP PROTECT ONE F2 F5 44.8(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	11/12/4/12/4	NPD	NPD	0,4	55	0,30/0,32	27	0,28/0,45	0,32	PASS
SGG CLIMATOP PROTECT ONE F2 F5 44.8(12 krypton)6(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	11/12/6/12/6	NPD	NPD	0,4	54	0,30/0,31	26	0,28/0,41	0,32	PASS
SGG CLIMATOP PROTECT SILENCE ULTRA N F2 F5 6(16 argon)6(24 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	40K/40K/40K	6/16/6/24/13	NPD	NPD	0,6	67	0,15/0,14	35	0,28/0,19	0,49	PASS
SGG CLIMATOP PROTECT SILENCE ULTRA N F2 F5 8(16 argon)6(16 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	40K/40K/40K	8/16/6/16/13	NPD	NPD	0,6	66	0,15/0,14	35	0,26/0,19	0,48	PASS
SGG CLIMATOP ULTRA N F2 F5 8(16 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/16/6/16/6	NPD	NPD	0,7	70	0,15/0,15	41	0,32/0,28	0,51	PASS
SGG CLIMATOP SECURIT PROTECT SKN174II F2 ULTRA N F5 8(12 argon)6(12 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P4A	1C2/1C2/1B1	200K/200K/40K	8/12/6/12/10	NPD	NPD	0,7	58	0,13/0,15	28	0,26/0,21	0,36	PASS
SGG CLIMATOP SECURIT PROTECT SKN174II F2 ULTRA N F5 8(12 argon)8(12 argon)HN113-S	NPD	NPD	NPD	NPD/NPD/BR1	NPD	NPD/NPD/P4A	1C2/1C2/1B1	200K/200K/40K	8/12/8/12/14	NPD	NPD	0,7	57	0,13/0,14	27	0,26/0,18	NPD	PASS
SGG CLIMATOP SILENCE ULTRA N F3 F5 44.1Si(8 air)4(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/2B2	40K/40K/40K	8/8/4/12/8	NPD	NPD	1,07	68	0,15/0,15	37	0,24/0,23	0,48	PASS
SGG CLIMATOP ULTRA N F3 F5 44.1(8 air)4(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/2B2	40K/40K/40K	8/8/4/12/8	NPD	NPD	1,07	68	0,15/0,15	37	0,24/0,23	0,48	PASS
SGG CLIMATOP ULTRA N F2 4(8 air)5(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/5/8/6	NPD	NPD	1,6	72	0,17/0,18	46	0,29/0,24	0,53	PASS
SGG CLIMATOP SECURIT ULTRA N II F2& F5 DIAMANT 6(10 argon)6(10 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2	200K/200K/200K	6/10/6/10/6	NPD	NPD	0,8	73	0,16/0,16	46	0,35/0,35	0,53	PASS
SGG CLIMATOP SECURIT ULTRA N II F2& F5 DIAMANT 6(10 argon)4(8 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C3	200K/40K/200K	6/10/4/8/4	NPD	NPD	0,9	73	0,16/0,16	47	0,35/0,36	0,53	PASS
SGG CLIMATOP SECURIT PROTECT ANTELIO BRONZE F1 ULTRA N II F3 ULTRA N F5 8(12 argon)6(12 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	1C2/1C2/1B1	200K/200K/40K	8/12/6/12/13	NPD	NPD	0,7	14	0,32/0,15	8	0,29/0,19	0,14	PASS
SGG CLIMATOP SECURIT PROTECT ULTRA N II F2 ULTRA N F5 DIAMANT 6(10 argon)4(10 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	1C2/NPD/1B1	200K/40K/40K	6/10/4/10/9	NPD	NPD	0,8	72	0,16/0,15	43	0,35/0,26	0,52	PASS
SGG CLIMATOP 4S F2 6(12 air)4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/4/12/4	NPD	NPD	1,3	64	0,16/0,19	34	0,32/0,32	0,38	PASS
SGG CLIMATOP LUX F2 F5 6(14 argon*)6(14 argon*)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/14/6/14/6	NPD	NPD	0,7	71	0,16/0,16	49	0,19/0,19	0,60	PASS
SGG CLIMATOP LUX F2 F5 4(16 argon*)4(16 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/14/6/14/6	32(-2;-5)	NPD	0,7	73	0,17/0,17	53	0,20/0,20	0,62	PASS
SGG CLIMATOP SECURIT PROTECT ULTRA N F2 ULTRA N II F5 44.2(16 argon)4(14 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C2	40K/40K/200K	9/16/4/14/6	NPD	NPD	0,6	69	0,15/0,15	38	0,22/0,28	0,46	PASS
SGG CLIMATOP SECURIT PROTECT ULTRA N F2 ULTRA N II F5 44.2(12 argon)6(12 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C2	40K/40K/200K	9/12/6/12/6	NPD	NPD	0,7	68	0,15/0,15	37	0,22/0,28	0,45	PASS
SGG CLIMATOP SECURIT PROTECT ONE F2 ONE II F5 44.2(12 argon)6(12 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C2	40K/40K/200K	9/12/6/12/6	NPD	NPD	0,7	55	0,30/0,31	28	0,33/0,42	0,34	PASS
SGG CLIMATOP SECURIT PROTECT ONE F2 ONE II F5 44.2(16 argon)4(14 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C2	40K/40K/200K	9/16/4/14/6	NPD	NPD	0,6	56	0,31/0,31	28	0,34/0,42	0,34	PASS
SGG CLIMATOP SECURIT PROTECT ULTRA N F2 ULTRA N II F5 44.2(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C2	40K/40K/200K	9/12/4/12/4	NPD	NPD	0,7	69	0,15/0,15	39	0,22/0,31	0,46	PASS
SGG CLIMATOP PROTECT ULTRA N F2 F5 33.2(18 argon)4(18 argon)33.2	NPD	NPD	NPD	NPD	NPD	P1A/NPD/P1A	1B1/NPD/1B1	40K/40K/40K	7/18/4/18/7	NPD	NPD	0,5	69	0,15/0,15	38	0,24/0,24	0,47	PASS
SGG CLIMATOP SAFE SKN065 F2 66.1(16 air)4(16 air)44.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/2B2	40K/40K/40K	12/16/4/16/8	NPD	NPD	1,0	56	0,19/0,22	27	0,33/0,35	0,30	PASS
SGG CLIMATOP PROTECT ULTRA N F2 F5 44.2(12 argon)4(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	P1A/NPD/NPD	1B1/NPD/2B2	40K/40K/40K	9/12/4/12/6	NPD	NPD	0,7	68	0,15/0,15	37	0,22/0,25	0,46	PASS
SGG CLIMATOP LUX F2 F5 SWS 4(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/4	NPD	NPD	0,7	73	0,17/0,17	53	0,20/0,20	0,62	PASS
SGG CLIMATOP ULTRA N F2 F5 SWS 4(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/4	NPD	NPD	0,6	71	0,15/0,15	42	0,31/0,31	0,50	PASS
SGG CLIMATOP ULTRA N F2 F5 SWS 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	32(-2;-5)	NPD	0,6	71	0,15/0,15	42	0,31/0,31	0,50	PASS
SGG CLIMATOP ULTRA N F2 F5 SWS 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	31 (-1;-5)	NPD	0,7	71	0,15/0,15	42	0,31/0,31	0,50	PASS
SGG CLIMATOP LUX F2 F5 6(16 argon)4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/4/16/6	NPD	NPD	0,7	72	0,17/0,17	50	0,19/0,19	0,60	PASS
SGG CLIMATOP PROTECT LUX F2 F5 33.1(16 argon)4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P1A	2B2/NPD/1B1	40K/40K/40K	6/16/4/16/9	NPD	NPD	0,7	70	0,16/0,16	46	0,17/0,15	0,58	PASS
SGG CLIMATOP PROTECT PLANITHERM 4S F2 ULTRA N F5 66.2(12 argon)5(12 argon)66.2	NPD	NPD	NPD	NPD	NPD	P2A/NPD/P2A	1B1/NPD/1B1	40K/40K/40K	13/12/5/12/13	NPD	NPD	0,7	53	0,26/0,23	26	0,28/0,24	0,33	PASS
SGG CLIMATOP SAFE ULTRA N F2 4(12 argon)4(12 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	4/12/4/12/8	NPD	NPD	1,0	71	0,17/0,18	44	0,29/0,21	0,53	PASS
SGG CLIMATOP ULTRA N F2 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	4/12/4/12/4	31(-1;-5)	NPD	1,0	73	0,18/0,18	48	0,29/0,27	0,54	PASS
SGG CLIMATOP PROTECT ULTRA N F2 F5 SP722(12 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	P7B/NPD	1B1/NPD	40K/40K/40K	23/12/4/10/4	NPD	NPD	0,8	64	0,13/0,15	32	0,12/0,30	0,38	PASS
SGG CLIMATOP PROTECT SILENCE PLANITHERM LUX F2 F5 44.2Si(15 argon)4(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/NPD/P2A	1B1/NPD/1B1	40K/40K/40K	9/15/4/15/9	NPD	NPD	0,7	69	0,16/0,16	44	0,15/0,15	0,55	PASS
SGG CLIMATOP PROTECT SILENCE PLANITHERM LUX F2 F5 8(15 argon)4(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	40K/40K/40K	8/15/4/15/9	NPD	NPD	0,7	70	0,16/0,16	45	0,18/0,15	0,58	PASS
SGG CLIMATOP PROTECT SILENCE PLANITHERM LUX F2 F5 6(15 argon)4(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	40K/40K/40K	6/15/4/15/9	NPD	NPD	0,7	70	0,16/0,16	46	0,19/0,15	0,60	PASS
SGG CLIMATOP PLANITHERM LUX F2 F5 8(15 argon)4(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/15/4/15/6	NPD	NPD	0,7	71	0,16/0,16	49	0,18/0,19	0,58	PASS
SGG CLIMATOP SECURIT PROTECT SKN165 II F2 ULTRA N II F3 8(12 argon)6(12 argon) BS 433-NS	NPD	NPD	NPD	NPD	NPD/NPD/ER4	NPD	1C2/1C2/1B1	200K/200K/200K	8/12/6/12/33	NPD	NPD	0,9	46	0,17/0,16	19	0,28/0,12	0,29	PASS
SGG CLIMATOP SECURIT PROTECT SKN165 II F2 ULTRA N II F3 8(12 argon)6(12 argon) BS 110-S	NPD	NPD	NPD	NPD	NPD/NPD/ER1	NPD	1C2/1C2/1B1	200K/200K/40K	8/12/6/12/10	NPD	NPD	1,0	51	0,17/0,19	23	0,28/0,22	0,30	PASS
SGG CLIMATOP SECURIT PROTECT SKN165 II F2 ULTRA N II F3 8(12 argon)6(12 argon) BS 118-NS	NPD	NPD	NPD	NPD	NPD/NPD/ER1	NPD/NPD/P5A	1C2/1C2/1B1	200K/200K/40K	8/12/6/12/18	NPD	NPD	1,0	49	0,17/0,18	21	0,28/0,17	0,29	PASS
SGG CLIMATOP ULTRA N F2 4(16 argon)4(8 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/8/4	NPD	NPD	0,9	73	0,18/0,18	48	0,29/0,27	0,54	PASS
SGG CLIMATOP SECURIT ULTRA N II F2& F5 8(20 argon)6(18 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2	200K/200K/200K	8/20/6/18/8	NPD	NPD	0,5	68	0,15/0,15	38	0,26/0,26	0,48	PASS
SGG CLIMATOP ULTRA N F2 F5 33.1(10 air)4(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/2B2	40K/40K/40K	6/10/4/10/8	NPD	NPD	1,1	69	0,15/0,15	38	0,25/0,24	0,47	PASS
SGG CLIMATOP ULTRA N F2 F5 33.1(10 aargon)4(10 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/2B2	40K/40K/40K	6/10/4/10/8	NPD	NPD	10,8	69	0,15/0,15	38	0,25/0,24	0,47	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 4(10 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/10/4/10/4	NPD	NPD	0,8	71	0,15/0,15	42	0,31/0,31	0,50	PASS
SGG CLIMATOP SECURIT ULTRA N II F3 & F5 12(18 argon)10(18 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C1/1C1	200K/200K/200K	12/18/10/18/10	NPD	NPD	0,5	65	0,14/0,14	33	0,21/0,23	0,46	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 8(18 argon)8(20 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C1	200K/200K/200K	8/18/8/20/10	NPD	NPD	0,5	67	0,15/0,15	36	0,25/0,23	0,47	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 10(18 argon)6(18 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C2/1C2	200K/200K/200K	10/18/6/18/8	NPD	NPD	0,5	67	0,15/0,15	37	0,23/0,26	0,46	PASS
SGG CLIMATOP SECURIT ULTRA N II F3 & F5 10(20 argon)6(20 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C2/1C2	200K/200K/200K	10/20/6/20/8	NPD	NPD	0,5	67	0,15/0,15	37	0,23/0,26	0,49	PASS
SGG CLIMATOP SECURIT ULTRA N II F3 & F5 10(16 argon)6(14 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C2/1C2	200K/200K/200K	10/16/6/14/8	NPD	NPD	0,6	67	0,15/0,15	37	0,23/0,26	0,49	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 8(18 argon)8(18 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2	200K/200K/200K	8/18/8/18/8	NPD	NPD	0,5	67	0,15/0,15	37	0,25/0,25	0,47	PASS
SGG CLIMATOP SECURIT ULTRA N II F3 & F5 8(20 argon)6(18 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2	200K/200K/200K	8/20/6/18/8	NPD	NPD	0,5	68	0,15/0,15	38	0,26/0,26	0,50	PASS
SGG CLIMATOP SECURIT ULTRA N II F3 & F5 12(20 argon)6(18 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C2/1C2	200K/200K/200K	12/20/6/18/8	NPD	NPD	0,5	66	0,14/0,15	36	0,21/0,26	0,47	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 8(20 argon)8(20 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2	200K/200K/200K	8/20/8/20/8	NPD	NPD	0,5	67	0,15/0,15	37	0,25/0,25	0,47	PASS
SGG CLIMATOP SECURIT ULTRA N II F3 & F5 12(20 argon)8(18 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C2/1C1	200K/200K/200K	12/20/8/18/10	NPD	NPD	0,5	65	0,14/0,15	34	0,21/0,23	0,47	PASS
SGG CLIMATOP SECURIT ULTRA N II F3 & F5 12(14 argon)6(14 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C2/1C2	200K/200K/200K	12/14/6/14/8	NPD	NPD	0,6	66	0,14/0,15	36	0,21/0,26	0,47	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 10(16 argon)6(14 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C2/1C2	200K/200K/200K	10/16/6/14/8	NPD	NPD	0,6	67	0,15/0,15	37	0,23/0,26	0,46	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 8(14 argon)8(14 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2	200K/200K/200K	8/14/8/14/8	NPD	NPD	0,6	67	0,15/0,15	37	0,25/0,25	0,47	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 8(14 argon)8(14 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2	200K/200K/200K	8/14/6/14/8	NPD	NPD	0,6	68	0,15/0,15	38	0,26/0,26	0,48	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 8(16 argon)8(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2	200K/200K/200K	8/16/6/16/8	NPD	NPD	0,6	68	0,15/0,15	38	0,26/0,26	0,48	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 8(18 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2	200K/200K/200K	8/18/6/16/6	NPD	NPD	0,5	68	0,15/0,15	38	0,26/0,26	0,48	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 6(18 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2	200K/200K/200K	6/18/6/18/6	NPD	NPD	0,5	69	0,15/0,15	39	0,28/0,28	0,49	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 6(16 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2	200K/200K/200K	6/16/6/16/6	NPD	NPD	0,6	69	0,15/0,15	39	0,28/0,28	0,49	PASS
SGG CLIMATOP SECURIT PROTECT ULTRA N F2 ULTRA N II F5 44.2(14 argon)6(14 argon)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/1C2/1C2	40K/200K/200K	9/14/6/14/8	NPD	NPD	0,6	67	0,15/0,15	36	0,22/0,26	0,45	PASS
SGG CLIMATOP SECURIT PROTECT ULTRA N F2 ULTRA N II F5 44.2(16 argon)6(16 argon)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/1C2/1C2	40K/200K/200K	9/16/6/16/8	NPD	NPD	0,6	67	0,15/0,15	36	0,22/0,26	0,45	PASS
SGG CLIMATOP SECURIT PROTECT ULTRA N F2 ULTRA N II F5 44.2(18 argon)6(18 argon)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/1C2/1C2	40K/200K/200K	9/18/6/18/8	NPD	NPD	0,5	67	0,15/0,15	36	0,22/0,26	0,45	PASS
SGG CLIMATOP SECURIT PROTECT ULTRA N F2 ULTRA N II F5 44.2(20 argon)6(20 argon)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/1C2/1C2	40K/200K/200K	9/20/6/20/8	NPD	NPD	0,5	67	0,15/0,15	36	0,22/0,26	0,45	PASS
SGG CLIMATOP SECURIT PROTECT ULTRA N II F2 ULTRA N F5 8(20 argon)6(20 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	1C2/1C2/1B1	200K/200K/40K	8/20/6/20/11	NPD	NPD	0,5	67	0,15/0,15	35	0,26/0,20	0,48	PASS
SGG CLIMATOP SECURIT PROTECT ULTRA N II F3 ULTRA N F5 8(18 argon)6(20 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	1C2/1C2/1B1	200K/200K/40K	8/18/6/20/11	NPD	NPD	0,5	67	0,15/0,15	35	0,26/0,20	0,50	PASS
SGG CLIMATOP SECURIT PROTECT ULTRA N II F3 ULTRA N F5 8(14 argon)6(14 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	1C2/1C2/1B1	200K/200K/40K	8/14/6/14/11	NPD	NPD	0,6	67	0,15/0,15	35	0,26/0,20	0,50	PASS
SGG TRISTAR N 44.4(15 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/15/4	NPD	NPD	1,19	76,70	0,11/0,12	45,6	0,15/0,23	0,54	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG TRISTAR N BIOCLEAN 44.4(15 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/15/4	NPD	NPD	1,19	74,50	0,14/0,14	43,90	0,17/0,24	0,52	PASS
SGG TRISTAR N 44.4(16 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/16/4	NPD	NPD	1,19	76,70	0,12/0,12	44,80	0,14/0,23	0,54	PASS
SGG TRISTAR N BIOCLEAN 44.4(16 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/16/4	NPD	NPD	1,19	74,50	0,14/0,14	43,90	0,17/0,24	0,52	PASS
SGG TRISTAR ULTRA N 44.4(15 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/15/4	NPD	NPD	1,1	77,49	0,12/0,12	47,88	0,17/0,26	0,55	PASS
SGG TRISTAR ULTRA N BIOCLEAN 44.4(15 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/15/4	NPD	NPD	1,11	74,10	0,14/0,13	44,30	0,17/0,25	0,52	PASS
SGG TRISTAR ULTRA N 44.4(16 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/16/4	NPD	NPD	1,1	77,49	0,12/0,12	47,88	0,17/0,26	0,55	PASS
SGG TRISTAR ULTRA N BIOCLEAN 44.4(16 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/16/4	NPD	NPD	1,12	74,80	0,14/0,14	44,10	0,17/0,27	0,52	PASS
ESSAI 1 SGG CLIMAPLUS SAFE ULTRA N F2 4(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/15/6	NPD	0,89	2	58,5	0,25/0,12	38	0,24/0,19	0,42	PASS
ESSAI SGG CLIMAPLUS PROTECT ULTRA N F3 44.2(12 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/4	NPD	NPD	1,6	77,95	0,12/0,12	48,96	0,19/0,26	0,56	PASS
ESSAI SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 12(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	12/12/9	NPD	NPD	1,3	74,82	0,11/0,12	43,42	0,18/0,18	0,55	PASS
ESSAI SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 12(12 argon)44.4Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	12/12/10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS XN F2 F3 4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	NPD	NPD	1,0	82	0,10/0,10	54	0,31/0,31	0,58	PASS
SGG CLIMATOP LUX F2 F5 4(16 krypton*)4(16 krypton*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	NPD	NPD	0,6	73	0,17/0,17	53	0,20/0,20	0,62	PASS
SGG CLIMATOP SECURIT LUX F2 F4 SATINOVO MATÈ 4(18 argon*)4(18 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/40K	4/18/4/18/4	NPD	NPD	0,6	72	0,17/0,16	52	0,20/0,20	0,61	PASS
SGG CLIMATOP SECURIT LUX F2 F5 4(18 argon*)4(18 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	4/18/4/18/4	NPD	NPD	0,6	73	0,17/0,17	53	0,21/0,21	0,61	PASS
SGG CLIMATOP LUX F3 F5 6(12 argon*)6(12 argon*)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/6/12/6	NPD	NPD	0,8	71	0,16/0,17	49	0,20/0,19	0,61	PASS
SGG CLIMATOP LUX F3 F5 5(16 argon*)6(15 argon*)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/16/6/15/6	NPD	NPD	0,7	71	0,16/0,17	49	0,20/0,19	0,62	PASS
SGG CLIMAPLUS SECURIT XN II F3 SATINOVO MATE 4(16 argon)4	NPD	NPD	NPD	NPN	NPD	NPD	NPD	200K/200K	4/16/4	NPD	NPD	1,1	81	0,12/0,13	58	0,24/0,27	0,63	PASS
SGG CLIMAPLUS SECURIT XN II F3 SATINOVO MATE 4(16 argon)4	NPD	NPD	NPD	NPN	NPD	NPD	NPD	40K/200K	4/16/4	NPD	NPD	1,1	81	0,12/0,13	58	0,24/0,27	0,63	PASS
SGG CLIMAPLUS SECURIT XN II F2 XN F3 4(16 argon)4	NPD	NPD	NPD	NPN	NPD	NPD	NPD	200K/40K	4/16/4	NPD	NPD	1,1	82	0,10/0,10	54	0,30/0,31	0,58	PASS
SGG CLIMAPLUS SECURIT XN II F2 F3 4(16 argon)4	NPD	NPD	NPD	NPN	NPD	NPD	NPD	200K/200K	4/16/4	NPD	NPD	1,1	82	0,10/0,10	54	0,30/0,30	0,59	PASS
SGG CLIMAPLUS SECURIT XN II F2 SATINOVO MATE 4(16 argon)4	NPD	NPD	NPD	NPN	NPD	NPD	NPD	200K/200K	4/16/4	NPD	NPD	1,1	81	0,13/0,12	58	0,27/0,24	0,62	PASS
SGG CLIMAPLUS SECURIT XN II F3 4(14 argon)4	NPD	NPD	NPD	NPN	NPD	NPD	NPD	200K/200K	4/14/4	NPD	NPD	1,2	82	0,12/0,13	60	0,28/0,27	0,65	PASS
SGG CLIMAPLUS SECURIT PROTECT XN F3 4(14 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD	200K/40K	4/14/10	NPD	NPD	1,1	80	0,12/0,12	53	0,27/0,19	0,64	PASS
SGG CLIMATOP SECURIT SAFE XN F2 SATINOVO MATE XN F5 4(18 argon)4(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/40K	4/18/4/16/6	NPD	NPD	0,6	73	0,16/0,16	44	0,32/0,27	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 SATINOVO MATE XN II F5 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	4/12/4/12/4	NPD	NPD	0,7	73	0,16/0,16	47	0,32/0,32	0,54	PASS
SGG CLIMATOP SECURIT XN F2 SATINOVO MATE XN F5 4(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/40K	4/18/4/18/4	NPD	NPD	0,5	73	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP SECURIT XN F2 XN II F4 SATINOVO MATE 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/40K	4/16/4/16/4	NPD	NPD	0,6	73	0,16/0,15	47	0,33/0,30	0,53	PASS
SGG CLIMATOP SECURIT XN F2 XN II F4 ARENA C 4(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/40K	4/18/4/18/4	NPD	NPD	0,5	71	0,16/0,15	45	0,33/0,29	0,53	PASS
SGG CLIMATOP SECURIT XN F2 XN II F4 ARENA C 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/40K	4/16/4/16/4	NPD	NPD	0,6	71	0,16/0,15	45	0,33/0,29	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 XN II F5 4(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	4/18/4/18/4	NPD	NPD	0,5	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 XN F5 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/40K	4/8/4/8/4	NPD	NPD	0,7	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP SAFE XN F2 XN F5 22.1(12 argon)3(12 argon)22.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/3/12/4	NPD	NPD	0,7	74	0,16/0,16	46	0,29/0,29	0,52	PASS
SGG CLIMATOP SECURIT LUX F2 LUX II F4 ARENA C 4(12 argon*)4(12 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/40K	4/12/4/12/4	NPD	NPD	0,8	70	0,17/0,15	51	0,20/0,20	0,61	PASS
SGG CLIMATOP SECURIT LUX F2 LUX II F4 ARENA C 6(14 argon*)4(16 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/40K	6/14/4/16/4	NPD	NPD	0,7	69	0,17/0,15	49	0,19/0,20	0,59	PASS
SGG CLIMATOP XN F2 F5 ARENA C 4(16 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/12/4	NPD	NPD	0,6	70	0,15/0,15	44	0,30/0,32	0,52	PASS
SGG CLIMATOP XN F2 F5 4(16 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/12/4	NPD	NPD	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 XN II F5 6(18 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/18/6/18/6	NPD	NPD	0,5	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP SECURIT LUX F2 LUX II F4 ARENA C 4(18 argon*)4(18 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/40K	4/18/4/18/4	NPD	NPD	0,6	70	0,17/0,15	51	0,20/0,20	0,61	PASS
SGG CLIMATOP XN F2 F5 4(14 argon)3(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/3/14/4	NPD	NPD	0,6	75	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(12 argon)3(10 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	9/12/3/10/6	NPD	NPD	0,8	79	0,16/0,16	44	0,25/0,31	0,50	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	4/14/4/14/4	NPD	NPD	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMALIT 5(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/16/4	NPD	NPD	2,7	81	0,15/0,15	72	0,13/0,13	0,76	PASS
SGG CLIMAPLUS SECURIT ONE II F3 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/16/4	NPD	NPD	1,0	71	0,22/0,23	45	0,37/0,39	0,51	PASS
SGG CLIMAPLUS ONE F3 6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/6	NPD	NPD	1,1	70	0,22/0,23	42	0,36/0,36	0,49	PASS
SGG CLIMAPLUS XN F3 5(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/10/4	NPD	NPD	1,4	82	0,12/0,13	59	0,27/0,27	0,65	PASS
SGG CLIMALIT 5(16 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/16/5	NPD	NPD	2,7	81	0,15/0,15	71	0,13/0,13	0,76	PASS
SGG CLIMALIT 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	2,9	82	0,15/0,15	73	0,13/0,13	0,78	PASS
SGG CLIMAPLUS ONE F3 8(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/24/4	NPD	NPD	1,1	70	0,22/0,23	42	0,33/0,39	0,48	PASS
SGG CLIMATOP XN F2 F5 4(20 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/20/4/18/4	NPD	NPD	0,5	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMAPLUS XN F3 8(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/20/4	NPD	NPD	1,1	81	0,12/0,13	58	0,24/0,27	0,63	PASS
SGG CLIMATOP XN F2 F5 4(10 argon)5(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/5/10/4	NPD	NPD	0,8	74	0,16/0,16	47	0,33/0,33	0,54	PASS
SGG CLIMAPLUS XN F3 4(6 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/4	NPD	NPD	1,4	82	0,12/0,13	60	0,27/0,27	0,65	PASS
SGG CLIMAPLUS ONE F3 4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	1,4	71	0,22/0,23	44	0,39/0,29	0,50	PASS
SGG CLIMAPLUS SECURIT XN II F3 4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/16/6	NPD	NPD	1,1	81	0,12/0,13	59	0,28/0,26	0,65	PASS
SGG CLIMALIT SECURIT 4(10 air)4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	4/10/4/10/4	NPD	NPD	2,0	74	0,20/0,20	63	0,18/0,18	0,70	PASS
SGG CLIMAPLUS PROTECT XN F3 44.4(22 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	NPD	40K/40K	10/22/4	NPD	NPD	1,2	80	0,12/0,13	53	0,19/0,27	0,58	PASS
SGG CLIMALIT 6(18 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/6	NPD	NPD	2,7	80	0,15/0,15	68	0,13/0,13	0,75	PASS
SGG CLIMAPLUS SECURIT XN II F3 4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NOD	NPD	200K/200K	4/10/4	NPD	NPD	1,4	82	0,12/0,13	60	0,28/0,27	0,65	PASS
SGG CLIMALIT 3(6 air)3	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/6/3	NPD	NPD	3,3	82	0,15/0,15	76	0,14/0,14	0,79	PASS
SGG CLIMALIT 4(10 air)4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/12/4	NPD	NPD	1,9	74	0,20/0,20	63	0,18/0,18	0,70	PASS
SGG CLIMAPLUS XN F3 8(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/14/4	NPD	NPD	1,1	81	0,12/0,13	58	0,24/0,27	0,63	PASS
SGG CLIMAPLUS XN F3 5(6 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/6/4	NPD	NPD	2,0	82	0,12/0,13	59	0,27/0,27	0,64	PASS
SGG CLIMAPLUS SECURIT XN II F3 6(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	6/16/8	NPD	NPD	1,1	80	0,12/0,12	57	0,26/0,24	0,64	PASS
SGG CLIMAPLUS 3-FACH SAFE XN F5 44.1(16 air)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/16/4/16/4	NPD	NPD	0,9	74	0,18/0,18	50	0,23/0,30	0,55	PASS
SGG CLIMATOP SECURIT PROTECT XN F3 XN II F5 SATINOVO MATE4(20 argon)44.4(22 argon) 4	NPD	NPD	NPD	NPD	NPD	NPD/P4A/NPD	NPD	200K/40K/200K	4/20/10/22/4	NPD	NPD	0,5	71	0,15/0,16	42	0,28/0,31	0,52	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(12 argon)33.1(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/6/12/6	NPD	NPD	0,7	72	0,16/0,16	43	0,27/0,27	0,50	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(12 argon)4(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/4/12/6	NPD	NPD	0,7	73	0,16/0,16	44	0,28/0,28	0,51	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(14 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/14/4/16/4	NPD	NPD	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP XN F2 F5 4(14 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/16/4	NPD	NPD	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/18/4/18/4	NPD	NPD	0,5	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(16 argon)6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/16/6/14/6	NPD	NPD	0,6	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMALIT 3(10 air)3	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/10/3	NPD	NPD	3,0	82	0,15/0,15	76	0,14/0,14	0,79	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(14 argon)4(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/9	NPD	NPD	0,6	73	0,16/0,16	44	0,33/0,25	0,54	PASS
SGG CLIMAPLUS 3-FACH XN F5 4(16 air)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	NPD	NPD	0,9	75	0,18/0,18	54	0,29/0,31	0,60	PASS
SGG CLIMALIT 4(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/14/4	NPD	NPD	2,8	82	0,15/0,15	73	0,13/0,13	0,78	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 44.1(10 argon)4(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	8/10/4/12/6	NPD	NPD	0,8	73	0,16/0,16	44	0,26/0,31	0,50	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS PROTECT XN F2 F3 44.4(18 argon)6	NPD	NPD	NPD	NPD	NPD	P4A/NPD	NPD	40K/40K	10/18/6	NPD	NPD	1,1	79	0,10/0,10	47	0,20/0,29	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(14 argon)6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/14/6/12/6	NPD	NPD	0,7	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 4(12 argon)3(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/3/12/4	NPD	NPD	0,7	75	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMAPLUS PROTECT SECURIT XN F3 6(10 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K	6/10/9	NPD	NPD	1,4	80	0,12/0,12	53	0,26/0,20	0,63	PASS
SGG CLIMAPLUS XN F3 8(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/20/6	NPD	NPD	1,1	80	0,12/0,13	57	0,24/0,26	0,63	PASS
SGG CLIMALIT 44.1(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/10/8	NPD	NPD	2,9	78	0,14/0,14	59	0,11/0,11	0,68	PASS
SGG CLIMAPLUS ONE F3 6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,1	70	0,22/0,23	43	0,36/0,39	0,49	PASS
SGG CLIMAPLUS XN F3 SATINOVO MATE 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	1,1	81	0,12/0,13	58	0,24/0,27	0,63	PASS
SGG CLIMAPLUS XN F3 5(10 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/10/6	NPD	NPD	1,4	81	0,12/0,13	58	0,27/0,26	0,64	PASS
SGG CLIMAPLUS 3-FACH XN F5 4(16 air)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	NPD	NPD	0,9	75	0,18/0,18	54	0,29/0,31	0,60	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(12 argon)4(10 argon)22.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/4/10/4	NPD	NPD	0,8	74	0,16/0,16	45	0,28/0,29	0,51	PASS
SGG CLIMALIT SECURIT 6(12 air)6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/12/6/12/6	NPD	NPD	1,9	72	0,20/0,20	58	0,16/0,16	0,67	PASS
SGG CLIMAPLUS SAFE XN F3 22.1(18 argon)22.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,1	82	0,12/0,13	56	0,24/0,24	0,62	PASS
SGG CLIMAPLUS ONE F3 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	1,1	71	0,22/0,23	44	0,39/0,39	0,50	PASS
SGG CLIMALIT SECURIT 8(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	8/16/4	NPD	NPD	2,7	80	0,14/0,15	68	0,12/0,13	0,73	PASS
SGG CLIMALIT 5(6 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/6/5	NPD	NPD	3,3	81	0,15/0,15	71	0,13/0,13	0,76	PASS
SGG CLIMAPLUS SECURIT XN II F3 5(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	5/18/4	NPD	NPD	1,1	82	0,12/0,13	59	0,27/0,27	0,65	PASS
SGG CLIMAPLUS PROTECT SECURIT XN II F3 44.2(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K	9/16/6	NPD	NPD	1,1	80	0,12/0,12	53	0,21/0,26	0,59	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(14 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	4/14/4/12/4	NPD	NPD	0,7	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMALIT SAFE SECURIT 33.1(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K	6/6/4	NPD	NPD	3,3	81	0,15/0,15	66	0,12/0,13	0,71	PASS
SGG CLIMAPLUS ONE F3 6(10 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	NPD	NPD	1,4	70	0,22/0,23	42	0,36/0,36	0,49	PASS
SGG CLIMATOP XN F2 F5 6(10 argon)4(10 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/10/4/10/6	NPD	NPD	0,8	74	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 4(14 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/16/4	NPD	NPD	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMAPLUS SECURIT XN II F3 6(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	6/10/4	NPD	NPD	1,4	81	0,12/0,13	59	0,26/0,27	0,64	PASS
SGG CLIMALIT SECURIT PROTECT 8(10 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K	8/10/8	NPD	NPD	2,9	78	0,14/0,14	59	0,12/0,11	0,70	PASS
SGG CLIMAPLUS SECURIT XN II F3 4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/10/4	NPD	NPD	1,4	82	0,12/0,13	60	0,28/0,27	0,65	PASS
SGG CLIMAPLUS 3-FACH SECURIT XN II F5 6(6 air)4(8 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	6/6/4/8/6	NPD	NPD	1,4	74	0,18/0,18	52	0,28/0,29	0,58	PASS
CB CLIMAPLUS SECURIT XN II F3 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	6/16/6	NPD	NPD	1,1	81	0,11/0,12	57	0,27/0,26	0,64	PASS
SGG CLIMAPLUS SECURIT PROTECT XN F3 4(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K	4/12/9	NPD	NPD	1,3	80	0,12/0,12	54	0,27/0,20	0,64	PASS
SGG CLIMALIT SECURIT 10(14 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	10/14/8	NPD	NPD	2,7	78	0,14/0,14	62	0,11/0,12	0,69	PASS
SGG CLIMALIT SECURIT 5(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	5/12/5	NPD	NPD	2,8	81	0,15/0,15	71	0,13/0,13	0,76	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 44.1(14 argon)6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	8/14/6/14/6	NPD	NPD	0,6	72	0,16/0,16	43	0,26/0,31	0,50	PASS
SGG CLIMAPLUS SECURIT ONE II F3 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/16/4	NPD	NPD	1,0	71	0,22/0,23	45	0,37/0,39	0,51	PASS
SGG CLIMAPLUS SAFE SECURIT XN II F3 44.1(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K	8/12/4	NPD	NPD	1,3	81	0,12/0,13	55	0,22/0,27	0,60	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(10 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	4/10/4/10/4	NPD	NPD	0,8	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 F3 6(14 argon)6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	6/14/6/14/6	NPD	NPD	0,6	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/16/4/16/4	NPD	NPD	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP PROTECT XN F2 F5 6(14 argon)6(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/14/6/14/9	NPD	NPD	0,6	72	0,16/0,16	43	0,31/0,24	0,53	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(14 argon)4(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/9	NPD	NPD	0,6	73	0,16/0,16	44	0,33/0,25	0,54	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 66.2(12 argon)6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	13/12/6/12/6	NPD	NPD	0,7	71	0,15/0,16	41	0,22/0,31	0,48	PASS
SGG CLIMATOP XN F2 F5 8(12 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/12/4/10/4	NPD	NPD	0,8	74	0,16/0,16	46	0,30/0,33	0,52	PASS
SGG CLIMAPLUS XN F3 8(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/14/4	NPD	NPD	1,1	81	0,12/0,13	58	0,24/0,27	0,63	PASS
SGG CLIMAPLUS XN F3 6(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/4	NPD	NPD	1,4	81	012,013	59	0,26/0,27	0,64	PASS
SGG CLIMAPLUS PROTECT XN F3 8(14 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/14/13	NPD	NPD	1,1	78	0,12/0,12	51	0,24/0,18	0,62	PASS
SGG CLIMAPLUS ONE F3 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	1,1	71	0,22/0,23	44	0,39/0,39	0,50	PASS
SGG CLIMALIT 4(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	2,8	82	0,15/0,15	73	0,13/0,13	0,78	PASS
SGG CLIMATOP XN F2 F5 6(16 argon)4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/4/16/4	NPD	NPD	0,6	74	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 4(18 argon)SATINOVO MATE 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/18/4/18/4	NPD	NPD	0,5	73	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/16/4/16/4	NPD	NPD	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP XN F2 F5 6(14 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/14/6/16/6	NPD	NPD	0,6	73	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 8(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/14/4/14/4	NPD	NPD	0,6	74	0,16/0,16	46	0,30/0,33	0,52	PASS
SGG CLIMATOP SECURIT XN II F2 F5 8(14 argon)6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	8/14/6/14/6	NPD	NPD	0,6	73	0,16/0,16	45	0,29/0,31	0,52	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(12 krypton)6(14 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/12/6/14/6	NPD	NPD	0,5	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	9/16/4/16/4	NPD	NPD	0,6	73	0,16/0,16	44	0,25/0,33	0,49	PASS
SGG CLIMATOP SECURIT XN II F2 F5 8(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	8/14/4/14/4	NPD	NPD	0,6	74	0,16/0,16	47	0,29/0,33	0,52	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(16 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/16/4/14/4	NPD	NPD	0,6	74	0,16/0,16	45	0,28/0,33	0,51	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 44.1(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	8/14/4/14/4	NPD	NPD	0,6	73	0,16/0,16	45	0,26/0,33	0,50	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(16 argon)3(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/16/3/16/6	NPD	NPD	0,6	74	0,16/0,16	47	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 4(16 argon)4 SATINOVO MATE(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	NPD	NPD	0,6	73	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	9/18/4/18/4	NPD	NPD	0,5	73	0,16/0,16	44	0,25/0,33	0,49	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 F5 4(16 argon)44.4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD/P4A/NPD	NPD	200K/40K/200K	4/16/10/16/4	NPD	NPD	0,6	73	0,16/0,16	43	0,31/0,31	0,52	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 4(16 argon)SATINOVO MATE 4(16 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P4A	NPD	200K/40K/40K	4/16/4/16/10	NPD	NPD	0,6	71	0,16/0,15	42	0,32/0,22	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(18 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	6/18/6/18/6	NPD	NPD	0,5	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(18 argon)6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	4/18/6/18/4	NPD	NPD	0,5	74	0,16/0,16	47	0,32/0,32	0,54	PASS
SGG CLIMATOP XN F2 F5 4(18 argon)6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/18/6/18/4	NPD	NPD	0,5	74	0,16/0,16	47	0,33/0,33	0,54	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(16 argon)SATINOVO MATE 4(18 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/18/9	NPD	NPD	0,6	72	0,16/0,15	43	0,32/0,24	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(18 argon)SATINOVO MATE 6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	4/18/6/18/4	NPD	NPD	0,5	72	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(12 argon)CHINCHILLA 4(14 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/14/10	NPD	NPD	0,7	69	0,15/0,15	41	0,32/0,22	0,52	PASS
SGG CLIMAPLUS SAFE XN F3 33.1(16 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/5	NPD	NPD	1,1	81	0,12/0,13	56	0,23/0,26	0,61	PASS
SGG CLIMAPLUS SAFE SECURIT ONE II F3 33.1(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K	6/16/4	NPD	NPD	1,0	70	0,21/0,22	42	0,31/0,39	0,48	PASS
SGG CLIMATOP XN F2 F5 4(16 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/14/4	NPD	NPD	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMAPLUS 3-FACH XN F5 4(8 air)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/4/10/4	NPD	NPD	1,2	75	0,18/0,18	54	0,29/0,31	0,60	PASS
SGG CLIMALIT 3-FACH 5(15 air)4(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/15/4/8/4	NPD	NPD	1,9	74	0,20/0,20	62	0,17/0,17	0,69	PASS
SGG CLIMAPLUS SECURIT XN II F3 5(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	5/16/6	NPD	NPD	1,1	81	0,12/0,13	58	0,27/0,26	0,64	PASS
SGG CLIMALIT 3(8 air)3	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/8/3	NPD	NPD	3,1	82	0,15/0,15	76	0,14/0,14	0,79	PASS
SGG CLIMAPLUS XN 5(16 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/16/5	NPD	NPD	1,1	81	0,12/0,13	59	0,27/0,26	0,65	PASS
SGG CLIMAPLUS SECURIT ONE II F3 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/16/4	NPD	NPD	1,0	71	0,22/0,23	45	0,37/0,39	0,51	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMALIT SECURIT SAFE 4(6 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K	4/6/6	NPD	NPD	3,3	81	0,15/0,15	66	0,13/0,12	0,75	PASS
SGG CLIMALIT 4(14air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	2,8	82	0,15/0,15	73	0,13/0,13	0,78	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	4/12/4/12/4	NPD	NPD	0,7	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMAPLUS SECURIT XN II F3 4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/16/6	NPD	NPD	1,1	81	0,12/0,13	59	0,28/0,26	0,65	PASS
SGG CLIMAPLUS SECURIT XN II F3 4(19 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/19/4	NPD	NPD	1,1	82	0,12/0,13	60	0,28/0,27	0,65	PASS
SGG CLIMAPLUS XN F3 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	NPD	NPD	1,1	82	0,12/0,13	60	0,27/0,27	0,65	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 4(14 argon)4(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/40K	4/14/4/14/9	NPD	NPD	0,6	73	0,16/0,16	44	0,33/0,25	0,54	PASS
SGG CLIMATOP XN F2 F5 4(22 argon)4(22 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/22/4/22/4	NPD	NPD	0,5	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMALIT 6(24 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/6	NPD	NPD	2,7	80	0,15/0,15	68	0,13/0,13	0,75	PASS
SGG CLIMAPLUS SECURIT XN II F3 4(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/18/6	NPD	NPD	1,1	81	0,12/0,13	59	0,28/0,26	0,65	PASS
SGG CLIMAPLUS SECURIT XN II F3 5(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	5/12/5	NPD	NPD	1,3	81	0,12/0,13	59	0,27/0,26	0,64	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(14 argon)SATINOVO MATE 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	4/14/4/14/4	NPD	NPD	0,6	73	0,16/0,16	47	0,32/0,32	0,54	PASS
SGG CLIMATOP XN F2 F5 4(14 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/16/4	NPD	NPD	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP XN F2 F5 4(14 argon)SATINOVO MATE 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/4	NPD	NPD	0,6	73	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP XN F2 F5 6(18 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/18/6/18/6	NPD	NPD	0,5	73	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(12 argon)3(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/12/3/12/6	NPD	NPD	0,7	74	0,16/0,16	47	0,31/0,31	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(14 argon)3(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/14/3/14/4	NPD	NPD	0,6	74	0,16/0,16	48	0,33/0,31	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/18/4/18/4	NPD	NPD	0,5	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	4/16/4/16/4	NPD	NPD	0,6	74	0,14/0,14	48	0,32/0,32	0,54	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/200K	9/14/4/14/4	NPD	NPD	0,6	73	0,16/0,16	44	0,25/0,33	0,49	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(14 argon)SATINOVO MATE 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/14/6/12/4	NPD	NPD	0,7	72	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP XN F2 F5 6(14 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/14/4/16/4	NPD	NPD	0,6	74	0,16/0,16	47	0,31/0,33	0,53	PASS
SGG CLIMATOP XN F2 F5 6(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/18/4/18/4	NPD	NPD	0,5	74	0,16/0,16	47	0,31/0,33	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/18/4/18/4	NPD	NPD	0,5	74	0,16/0,16	48	0,31/0,33	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(18 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	9/18/6/16/6	NPD	NPD	0,5	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(18 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/200K	9/18/6/16/6	NPD	NPD	0,5	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/200K	9/14/6/14/6	NPD	NPD	0,6	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/200K	9/14/6/14/4	NPD	NPD	0,6	73	0,16/0,16	43	0,25/0,32	0,49	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	9/16/4/18/4	NPD	NPD	0,6	73	0,16/0,16	44	0,25/0,33	0,49	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 F5 6(16 argon)44.4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD/P4A/NPD	NPD	200K/40K/200K	6/16/10/16/6	NPD	NPD	0,6	72	0,16/0,16	41	0,29/0,29	0,51	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(18 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/18/6/18/6	NPD	NPD	0,5	73	0,16/0,16	44	0,28/0,31	0,51	PASS
SGG CLIMATOP SECURIT XN II F2 F5 8(18 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	8/18/6/16/6	NPD	NPD	0,5	73	0,16/0,16	45	0,29/0,31	0,52	PASS
SGG CLIMATOP PROTECT XN F2 F5 6(18 argon)6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/18/6/16/9	NPD	NPD	0,5	72	0,16/0,16	43	0,31/0,24	0,53	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(16 argon)44.4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD/P4A/NPD	NPD	40K/40K/40K	4/16/10/14/4	NPD	NPD	0,6	73	0,16/0,16	43	0,31/0,31	0,52	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(18 argon)4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/18/4/16/9	NPD	NPD	0,6	73	0,16/0,16	44	0,33/0,25	0,54	PASS
SGG CLIMATOP XN F2 F5 4(14 argon)SATINOVO MATE 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/4	NPD	NPD	0,6	73	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	9/16/4/18/4	NPD	NPD	0,6	73	0,16/0,16	44	0,25/0,33	0,49	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(16 argon)5(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/16/5/14/6	NPD	NPD	0,6	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 6(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/18/4/18/4	NPD	NPD	0,5	74	0,16/0,16	47	0,31/0,33	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(16 argon)6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	6/16/6/14/6	NPD	NPD	0,6	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 5(14 argon)6(14 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/14/6/14/5	NPD	NPD	0,6	74	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMAPLUS XN F3 SATINOVO MATE 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,1	81	0,12/0,13	58	0,24/0,27	0,63	PASS
SGG CLIMAPLUS XN F3 8(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/20/4	NPD	NPD	1,1	81	0,12/0,13	58	0,24/0,27	0,63	PASS
SGG CLIMATOP XN F2 F5 5(18 argon)6(16 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/18/6/16/5	NPD	NPD	0,6	74	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(18 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/18/4/16/4	NPD	NPD	0,6	74	0,16/0,16	45	0,28/0,33	0,51	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(16 argon)4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/16/4/16/6	NPD	NPD	0,6	74	0,16/0,16	47	0,31/0,31	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(18 argon)6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/18/6/16/4	NPD	NPD	0,6	74	0,16/0,16	47	0,32/0,32	0,54	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 6(14 argon)4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/40K	6/14/4/16/9	NPD	NPD	0,6	73	0,16/0,16	43	0,31/0,25	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(14 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/14/6/16/6	NPD	NPD	0,6	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	4/16/4/16/4	NPD	NPD	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP XN F2 F5 4(14 argon)3(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/3/14/4	NPD	NPD	0,6	75	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(14 argon)3(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/14/3/14/4	NPD	NPD	0,6	75	0,16/0,16	49	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(18argon)6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/18/6/18/4	NPD	NPD	0,5	74	0,16/0,16	47	0,32/0,32	0,54	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/200K	6/18/4/18/4	NPD	NPD	0,5	74	0,16/0,16	45	0,28/0,33	0,51	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(16 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/16/4/18/4	NPD	NPD	0,6	74	0,16/0,16	45	0,28/0,33	0,51	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/18/4/18/4	NPD	NPD	0,5	74	0,16/0,16	45	0,28/0,33	0,51	PASS
SGG CLIMATOP PROTECT XN F2 F5 44.2(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	9/18/4/18/4	NPD	NPD	0,5	73	0,16/0,16	44	0,25/0,33	0,50	PASS
SGG CLIMAPLUS SECURIT SAFE XN F3 8(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K	8/16/8	NPD	NPD	1,1	80	0,12/0,12	53	0,24/0,21	0,62	PASS
SGG CLIMAPLUS ONE F3 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	NPD	NPD	1,2	71	0,22/0,23	44	0,39/0,39	0,50	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(14 argon)SATINOVO MATE 4(14 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P4A	NPD	40K/40K/40K	4/14/4/14/10	NPD	NPD	0,6	71	0,16/0,15	42	0,32/0,22	0,53	PASS
SGG CLIMALIT SECURIT 4(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/6/4	NPD	NPD	3,3	82	0,15/0,15	73	0,13/0,13	0,77	PASS
SGG CLIMAPLUS XN F3 SATINOVO MATE 6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,1	80	0,12/0,13	57	0,23/0,27	0,62	PASS
SGG CLIMAPLUS 3-FACH XN F5 4(18 air)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/18/4/18/4	NPD	NPD	0,9	75	0,18/0,18	54	0,29/0,31	0,60	PASS
SGG CLIMAPLUS XN F2 F3 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	NPD	NPD	1,2	82	0,10/0,10	54	0,31/0,31	0,58	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/16/4/16/4	NPD	NPD	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMAPLUS SECURIT ONE II F3 4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/8/4	NPD	NPD	1,1	71	0,22/0,23	45	0,37/0,39	0,51	PASS
SGG CLIMAPLUS XN F3 5(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/10/4	NPD	NPD	1,4	82	0,12/0,13	59	0,27/0,27	0,65	PASS
SGG CLIMATOP SECURIT PROTECT XN II F3 XN F5 6(14 argon)6(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/40K	6/14/6/14/9	NPD	NPD	0,6	72	0,15/0,16	43	0,31/0,25	0,54	PASS
SGG CLIMAPLUS XN F3 SATINOVO MATE 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	NPD	NPD	1,3	81	0,12/0,13	58	0,24/0,27	0,63	PASS
SGG CLIMAPLUS SECURIT XN II F3 5(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	5/16/4	NPD	NPD	1,1	82	0,12/0,13	59	0,27/0,27	0,65	PASS
SGG CLIMALIT 3(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/6/4	NPD	NPD	3,3	82	0,15/0,15	74	0,14/0,13	0,79	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(12 argon)6(10 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/12/6/10/6	NPD	NPD	0,8	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 6(16 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/6/16/6	NPD	NPD	0,6	73	0,14/0,14	45	0,30/0,30	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(12 argon)6(10 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	6/12/6/10/6	NPD	NPD	0,8	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(14 argon)SATINOVO MATE 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/14/4/12/4	NPD	NPD	0,7	72	0,16/0,16	44	0,26/0,32	0,50	PASS
SGG CLIMATOP XN F2 F5 6(16 argon)6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/6/14/6	NPD	NPD	0,6	73	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/16/4/16/4	NPD	NPD	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMATOP SECURIT XN II F2 F5 6(12 argon)3(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/12/3/12/6	NPD	NPD	0,7	74	0,16/0,16	47	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 4(18 argon)3(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/18/3/18/4	NPD	NPD	0,5	75	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP XN II F2 F5 6(18 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/18/6/16/6	NPD	NPD	0,5	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 6(16 argon)4(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/40K	6/16/4/14/9	NPD	NPD	0,6	73	0,16/0,16	43	0,31/0,25	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(18 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	9/18/4/16/4	NPD	NPD	0,6	73	0,16/0,16	44	0,25/0,33	0,49	PASS
SGG CLIMATOP XN F2 F5 4(16 argon)SATINOVO MATE 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	NPD	NPD	0,6	73	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP XN F2 F5 4(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/18/4/18/4	NPD	NPD	0,5	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 4(16 argon)4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/40K	4/16/4/16/9	NPD	NPD	0,6	73	0,16/0,16	44	0,33/0,25	0,54	PASS
SGG CLIMATOP XN F2 F5 6(16 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/6/16/6	NPD	NPD	0,6	73	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 5(16 argon)6(18 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/16/6/18/5	NPD	NPD	0,6	74	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP XN F2 F5 4(18 argon)6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/18/6/18/4	NPD	NPD	0,5	74	0,16/0,16	47	0,33/0,33	0,54	PASS
SGG CLIMATOP XN F2 F5 6(16 argon)4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/4/16/6	NPD	NPD	0,6	74	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(18 argon)3(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	9/18/3/18/4	NPD	NPD	0,5	73	0,16/0,16	44	0,25/0,33	0,50	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(18 argon)3(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/18/3/18/4	NPD	NPD	0,5	75	0,16/0,16	49	0,33/0,33	0,54	PASS
SGG CLIMATOP PROTECT XN F2 F5 44.2(18 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	9/18/4/16/4	NPD	NPD	0,6	73	0,16/0,16	44	0,25/0,33	0,50	PASS
SGG CLIMATOP XN F2 F5 6(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/18/4/18/4	NPD	NPD	0,5	74	0,16/0,16	47	0,31/0,33	0,53	PASS
SGG CLIMATOP XN F2 F5 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	NPD	NPD	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 6(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/18/4/18/4	NPD	NPD	0,5	74	0,16/0,16	47	0,31/0,33	0,53	PASS
SGG CLIMATOP XN F2 F5 4(16 argon)ARENA CLEAR 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	NPD	NPD	0,6	71	0,15/0,15	45	0,32/0,32	0,53	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 8(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	8/14/4/14/4	NPD	NPD	0,6	74	0,16/0,16	46	0,30/0,33	0,52	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 8(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/200K	8/14/4/14/4	NPD	NPD	0,6	74	0,16/0,16	46	0,30/0,33	0,52	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(12 argon)6(10 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	6/12/6/10/6	NPD	NPD	0,8	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 4(14 argon)3(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/3/14/4	NPD	NPD	0,6	75	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP XN F2 F5 5(12 argon)5(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/12/5/12/5	NPD	NPD	0,7	74	0,16/0,16	47	0,32/0,32	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(14 argon)3(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/14/3/14/4	NPD	NPD	0,6	75	0,16/0,16	49	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(12 argon)6(10 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/12/6/10/6	NPD	NPD	0,8	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMAPLUS SECURIT XN F3 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K	4/18/4	NPD	NPD	1,1	82	0,12/0,13	60	0,27/0,27	0,65	PASS
SGG CLIMATOP XN F2 F5 6(18 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/18/6/18/6	NPD	NPD	0,5	73	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 6(16 argon)SATINOVO MATE 6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/6/14/6	NPD	NPD	0,6	71	0,16/0,16	44	0,30/0,30	0,52	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(18 argon)SATINOVO MATE 6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/18/6/18/6	NPD	NPD	0,5	71	0,16/0,16	44	0,30/0,30	0,52	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(18 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/18/6/18/6	NPD	NPD	0,5	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLMAPLUS SECURIT XN II F3 6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	6/14/6	NPD	NPD	1,1	81	0,12/0,13	58	0,26/0,26	0,64	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(12 argon)SATINOVO MATE 4(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/12/4/12/6	NPD	NPD	0,7	72	0,16/0,16	43	0,27/0,30	0,51	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/200K	9/12/4/12/4	NPD	NPD	0,7	73	0,16/0,16	44	0,25/0,33	0,49	PASS
SGG CLIMAPLUS XN F3 5(16 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/16/5	NPD	NPD	1,1	81	0,12/0,13	59	0,27/0,26	0,65	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(16 argon)44.4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD/P4A/NPD	NPD	40K/40K/40K	4/16/10/14/4	NPD	NPD	0,6	73	0,16/0,16	43	0,31/0,31	0,52	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 F5 4(16 argon)44.4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD/P4A/NPD	NPD	200K/40K/200K	4/16/10/14/4	NPD	NPD	0,6	73	0,16/0,16	43	0,31/0,31	0,52	PASS
SGG CLIMATOP SAFE XN F2 F5 44.1(10 krypton)3(10 krypton)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/10/3/10/8	NPD	NPD	0,6	72	0,16/0,16	43	0,26/0,26	0,50	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 4(18 argon)44.2(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	4/18/9/16/4	NPD	NPD	0,6	73	0,16/0,16	44	0,31/0,31	0,52	PASS
SGG CLIMAPLUS XN F3 8(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/18/6	NPD	NPD	1,1	80	0,12/0,13	57	0,24/0,26	0,63	PASS
SGG CLIMAPLUS PROTECT SECURIT XN II F3 44.2(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K	9/18/6	NPD	NPD	1,1	80	0,12/0,12	53	0,21/0,26	0,59	PASS
SGG CLIMATOP SECURIT SAFE XN II F2 XN F5 6(18 argon)6(18 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/40K	6/18/6/18/6	NPD	NPD	0,5	73	0,16/0,16	44	0,31/0,27	0,53	PASS
SGG CLIMATOP SECURIT SAFE XN II F2 XN F5 4(16 argon)4(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/40K	4/16/4/14/6	NPD	NPD	0,6	74	0,16/0,16	45	0,33/0,28	0,54	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(18 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/200K	9/18/6/16/6	NPD	NPD	0,5	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(18 argon)44.4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD/P4A/NPD	NPD	40K/40K/40K	4/18/10/18/4	NPD	NPD	0,5	73	0,16/0,16	43	0,31/0,31	0,52	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)5(14 argon) 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	9/16/5/14/6	NPD	NPD	0,6	72	0,16/0,16	43	0,25/0,31	0,49	PASS
SGG CLIMATOP XN F2 F5 4(16 argon)ALTDEUTSCH CLEAR 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	NPD	NPD	0,6	72	0,16/0,16	45	0,32/0,32	0,53	PASS
SGG CLIMATOP XN F2 F5 6(18 argon)SATINOVO MATE 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/18/4/18/4	NPD	NPD	0,5	73	0,16/0,16	46	0,30/0,32	0,53	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 4(14 argon)4(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/40K	4/14/4/14/9	NPD	NPD	0,6	73	0,16/0,16	44	0,33/0,25	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(18 argon) SATINOVO MATE 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/18/4/18/4	NPD	NPD	0,5	73	0,16/0,16	47	0,32/0,32	0,54	PASS
SGG CLIMATOP XN F2 F5 4(14 argon)3(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/3/14/4	NPD	NPD	0,6	75	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(12 argon)3(10 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	9/12/3/10/6	NPD	NPD	0,8	73	0,16/0,16	44	0,25/0,31	0,50	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 4(18 argon)4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/40K	4/18/4/16/9	NPD	NPD	0,6	73	0,16/0,16	44	0,33/0,25	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(14 argon)6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/14/6/12/4	NPD	NPD	0,7	74	0,16/0,16	47	0,32/0,32	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 F5 8(16 argon)6(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	8/16/6/16/8	NPD	NPD	0,6	72	0,16/0,16	44	0,29/0,29	0,52	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 44.2(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NDP	NPD	40K/40K/200K	9/14/4/14/4	NPD	NPD	0,6	73	0,16/0,16	44	0,25/0,33	0,49	PASS
SGG CLIMATOP PROTECT XN F2 F5 55.2(12 argon)3(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	11/12/3/10/4	NPD	NPD	0,8	73	0,16/0,16	44	0,24/0,33	0,49	PASS
SGG CLIMATOP XN F2 F5 6(18 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/18/6/18/6	NPD	NPD	0,5	73	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(16 argon)4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/9	NPD	NPD	0,6	73	0,16/0,16	44	0,33/0,25	0,54	PASS
SGG CLIMAPLUS SECURIT XN II F2 F5 6(18 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	6/18/6/18/6	NPD	NPD	0,5	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)5(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/200K	9/14/5/14/6	NPD	NPD	0,6	72	0,16/0,16	43	0,25/0,31	0,49	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 4(18 argon)SATINOVO MATE 4(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	4/18/4/18/6	NPD	NPD	0,5	73	0,16/0,16	46	0,32/0,30	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(10 argon)6(10 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	9/10/6/10/5	NPD	NPD	0,8	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMATOP XN F2 F5 6(12 argon)6(10 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/6/10/6	NPD	NPD	0,8	73	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 5(16 argon)6(16 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/16/6/16/5	NPD	NPD	0,6	74	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP XN F2 F5 6(18 argon)SATINOVO MATE 6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/18/6/18/6	NPD	NPD	0,5	71	0,16/0,16	44	0,30/0,30	0,52	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)4(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/200K	9/16/4/14/4	NPD	NPD	0,6	73	0,16/0,16	43	0,25/0,31	0,49	PASS
SGG CLIMATOP XN F2 F5 4(16 argon)ARENA CLEAR 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	NPD	NPD	0,6	71	0,15/0,15	45	0,32/0,32	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(16 argon)ARENA CLEAR 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/16/6/14/4	NPD	NPD	0,6	69	0,15/0,15	43	0,31/0,31	0,52	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 6(18 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/18/6/18/6	NPD	NPD	0,5	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(12 argon)3(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	9/12/3/12/4	NPD	NPD	0,7	73	0,16/0,16	44	0,25/0,33	0,50	PASS
SGG CLIMATOP XN F2 F5 5(12 argon)5(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/12/5/12/5	NPD	NPD	0,7	74	0,16/0,16	47	0,32/0,32	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(12 argon)3(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	9/12/3/12/4	NPD	NPD	0,7	73	0,16/0,16	44	0,25/0,33	0,50	PASS
SGG CLIMATOP XN F2 F5 6(18 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/18/6/18/6	NPD	NPD	0,5	73	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMATOP ONE II F2 F5 4(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/14/4/14/4	NPD	NPD	0,6	59	0,32/0,32	34	0,49/0,49	0,39	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(14 argon)3(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/14/3/12/4	NPD	NPD	0,7	74	0,16/0,16	46	0,28/0,33	0,51	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 4(16 argon)4(16 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/40K	4/16/4/16/11	NPD	NPD	0,6	73	0,16/0,16	43	0,33/0,24	0,54	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 44.1(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/200K	8/14/4/14/4	NPD	NPD	0,6	73	0,16/0,16	45	0,26/0,33	0,50	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	6/18/4/18/4	NPD	NPD	0,5	74	0,16/0,16	48	0,31/0,33	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	9/14/4/14/4	NPD	NPD	0,6	73	0,16/0,16	44	0,25/0,33	0,49	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 4(12 argon)SATINOVO MATE 4(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/40K	4/12/4/12/9	NPD	NPD	0,7	72	0,16/0,15	43	0,32/0,24	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(18 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/18/6/18/6	NPD	NPD	0,5	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(10 argon)6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/10/6/12/6	NPD	NPD	0,8	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(12 argon)SATINOVO MATE 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/200K	6/12/4/14/4	NPD	NPD	0,7	73	0,16/0,16	44	0,27/0,32	0,50	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 F5 4(16 argon)44.2(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/16/9/18/4	NPD	NPD	0,6	73	0,16/0,16	44	0,31/0,31	0,52	PASS
SGG CLIMATOP SAFE XN F2 F5 4(18 argon)4(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/18/4/16/6	NPD	NPD	0,6	74	0,16/0,16	46	0,33/0,28	0,54	PASS
SGG CLIMATOP PROTECT XN F2 F5 6(14 argon)6(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/14/6/14/9	NPD	NPD	0,6	72	0,16/0,16	43	0,31/0,24	0,53	PASS
SGG CLIMATOP XN F2 F5 8(12 argon)3(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/12/3/12/4	NPD	NPD	0,7	74	0,16/0,16	47	0,30/0,33	0,52	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/200K	9/16/6/16/6	NPD	NPD	0,6	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(18 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/200K	9/18/4/16/4	NPD	NPD	0,6	73	0,16/0,16	44	0,25/0,33	0,49	PASS
SGG CLIMATOP SECURIT XN II F2 F5 8(16 argon)6(14 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	8/16/6/14/8	NPD	NPD	0,6	72	0,16/0,16	44	0,29/0,29	0,52	PASS
SGG CLIMATOP XN F2 F5 6(18 argon)SATINOVO MATE 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/18/4/18/4	NPD	NPD	0,5	73	0,16/0,16	46	0,30/0,32	0,53	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(16 argon)3(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/3/16/6	NPD	NPD	0,6	73	0,16/0,16	45	0,28/0,28	0,51	PASS
SGG CLIMATOP XN F2 F5 4(14 argon)SATINOVO MATE 4(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/9	NPD	NPD	0,6	72	0,16/0,15	43	0,32/0,24	0,53	PASS
SGG CLIMATOP PROTECT XN F2 F5 5(18 argon)44.4(16 argon)5	NPD	NPD	NPD	NPD	NPD	NPD/P4A/NPD	NPD	40K/40K/40K	5/18/10/16/5	NPD	NPD	0,5	72	0,16/0,16	42	0,30/0,30	0,52	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 4(18 argon)4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/40K	4/18/4/16/9	NPD	NPD	0,6	73	0,16/0,16	44	0,33/0,25	0,54	PASS
SGG CLIMATOP PROTECT XN F2 F5 6(16 argon)44.4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD/P4A/NPD	NPD	40K/40K/40	6/16/10/16/6	NPD	NPD	0,6	72	0,16/0,16	41	0,29/0,29	0,51	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(14 argon)44.4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD/P4A/NPD	NPD	40K/40K/40K	4/14/10/16/4	NPD	NPD	0,6	73	0,16/0,16	43	0,31/0,31	0,52	PASS
SGG CLIMATOP PROTECT XN F2 F5 5(14 argon)44.4(14 argon)5	NPD	NPD	NPD	NPD	NPD	NPD/P4A/NPD	NPD	40K/40K/40K	5/14/10/14/5	NPD	NPD	0,6	72	0,16/0,16	42	0,30/0,30	0,52	PASS
SGG CLIMATOP PROTECT XN F2 F5 6(16 argon)44.4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD/P4A/NPD	NPD	40K/40K/40K	6/16/10/16/6	NPD	NPD	0,5	72	0,16/0,16	41	0,29/0,29	0,51	PASS
SGG CLIMATOP XN F2 F5 4(16 argon)SATINOVO MATE 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/6/14/4	NPD	NPD	0,6	72	0,16/0,16	45	0,32/0,32	0,53	PASS
SGG CLIMATOP SECURIT SAFE XN II F2 XN F5 4(18 argon)3(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/40K	4/18/3/16/6	NPD	NPD	0,6	74	0,16/0,16	46	0,33/0,28	0,54	PASS
SGG CLIMATOP LUX F2 F5 4(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/18/4/18/4	NPD	NPD	0,6	73	0,17/0,17	54	0,22/0,22	0,62	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 4(18 argon)3(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	4/18/3/18/4	NPD	NPD	0,5	75	0,16/0,16	49	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT LUX II F2 F5 4(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/18/4/18/4	NPD	NPD	0,6	73	0,17/0,17	54	0,22/0,22	0,62	PASS
SGG CLIMAPLUS SECURIT XN II F3 SATINOVO MATE 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/18/4	NPD	NPD	1,1	81	0,12/0,13	58	0,24/0,27	0,63	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(12 argon)3(10 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	9/12/3/10/6	NPD	NPD	0,8	73	0,16/0,16	44	0,25/0,31	0,50	PASS
SGG CLIMATOP XN F2 F5 5(18 argon)SATINOVO MATE 6(18 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/18/6/18/5	NPD	NPD	0,5	72	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMAPLUS XN F3 SATINOVO MATE 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,1	81	0,12/,13	58	0,24/0,27	0,63	PASS
SGG CLIMATOP XN F2 F5 6(18 argon) SATINOVO MATE 6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/18/6/18/6	NPD	NPD	0,5	71	0,16/0,16	44	0,30/0,30	0,52	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 4(12 argon)3(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/40K	4/12/3/12/9	NPD	NPD	0,7	73	0,16/0,16	44	0,33/0,25	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(18 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/18/4/16/4	NPD	NPD	0,6	74	0,16/0,16	48	0,31/0,33	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(10 argon)6(10 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	9/10/6/10/6	NPD	NPD	0,8	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMATOP PROTECT XN F2 F5 44.2(18 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	9/18/6/16/6	NPD	NPD	0,5	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMATOP XN F2 F5 8(14 argon)3(14 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/14/3/14/8	NPD	NPD	0,6	73	0,16/0,16	45	0,30/0,30	0,52	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(18 argon) SATINOVO MATE 6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/18/6/18/6	NPD	NPD	0,5	71	0,16/0,16	44	0,30/0,30	0,52	PASS
SGG CLIMAPLUS SECURIT XN II F3 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K	4/18/4	NPD	NPD	1,1	82	0,12/0,13	60	0,28/0,27	0,65	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(14 argon)5(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/14/5/16/6	NPD	NPD	0,6	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP PROTECT XN F2 F5 44.2(12 argon)3(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	9/12/3/12/4	NPD	NPD	0,7	73	0,16/0,16	45	0,25/0,33	0,50	PASS
SGG CLIMATOP XN F2 F5 4(18 argon)3(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/18/3/18/4	NPD	NPD	0,5	75	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT PROTECT X N II F2 XN F5 6(18 argon)SATINOVO MATE 6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/40K	6/18/6/16/9	NPD	NPD	0,5	71	0,15/0,15	41	0,30/0,24	0,52	PASS
SGG CLIMATOP PROTECT XN F2 F5 5(16 argon)5(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/16/5/16/9	NPD	NPD	0,6	73	0,16/0,16	43	0,32/0,25	0,53	PASS
SGG CLIMAPLUS SECURIT XN II F3 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	6/16/4	NPD	NPD	1,1	81	0,12/0,13	59	0,26/0,27	0,64	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(14 argon)6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/14/6/12/4	NPD	NPD	0,7	74	0,16/0,16	47	0,32/0,32	0,54	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(16 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/200K	6/16/4/14/4	NPD	NPD	0,6	74	0,16/0,16	45	0,28/0,33	0,51	PASS
SGG CLIMATOP XN F2 F5 4(14 Krypton)3(14 Krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/3/14/4	NPD	NPD	0,5	75	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP PROTECT XN F2 F5 44.2(12 argon)3(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	9/12/3/12/4	NPD	NPD	0,7	73	0,16/0,16	45	0,25/0,33	0,50	PASS
SGG CLIMATOP XN F2 F5 8(12 argon)3(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/12/3/12/4	NPD	NPD	0,7	74	0,16/0,16	47	0,30/0,33	0,52	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)4(14 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	9/14/4/14/8	NPD	NPD	0,6	72	0,16/0,16	43	0,25/0,29	0,49	PASS
SGG CLIMATOP XN F2 F5 4(18 argon)ARENA CLEAR 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/18/4/18/4	NPD	NPD	0,5	71	0,15/0,15	45	0,32/0,32	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(14 argon)SATINOVO MATE 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/14/4/14/4	NPD	NPD	0,6	73	0,16/0,16	47	0,32/0,32	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/14/4/14/4	NPD	NPD	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 F5 4(14 argon)44.2(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/14/9/14/4	NPD	NPD	0,6	73	0,16/0,16	44	0,31/0,31	0,52	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(16 argon)SATINOVO MATE 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	4/16/4/16/4	NPD	NPD	0,6	73	0,16/0,16	47	0,32/0,32	0,54	PASS
SGG CLIMATOP SAFE XN F2 F5 4(16 argon)33.1(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/6/14/4	NPD	NPD	0,6	74	0,16/0,16	45	0,32/0,32	0,53	PASS
SGG CLIMAPLUS SECURIT XN II F3 6(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	6/20/6	NPD	NPD	1,1	81	0,12/0,13	58	0,26/0,26	0,64	PASS
SGG CLIMATOP PROTECT XN F2 F5 44.2(16 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	9/16/6/16/6	NPD	NPD	0,6	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMATOP PROTECT XN F2 F5 5(12 argon)5(10 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/12/5/10/9	NPD	NPD	0,8	73	0,16/0,16	43	0,32/0,25	0,53	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(16 argon)SATINOVO MATE 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/4/14/4	NPD	NPD	0,6	73	0,16/0,16	44	0,27/0,32	0,51	PASS
SGG CLIMATOP SECURIT SAFE XN II F2 XN F5 4(16 argon)4(18 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/40K	4/16/4/18/6	NPD	NPD	0,6	74	0,16/0,16	45	0,33/0,28	0,54	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(16 argon)4(18 argon) 44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/18/9	NPD	NPD	0,6	73	0,16/0,16	44	0,33/0,25	0,54	PASS
SGG CLIMATOP PROTECT XN F2 F5 6(14 argon)4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/14/4/16/9	NPD	NPD	0,6	73	0,16/0,16	43	0,31/0,25	0,53	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(12 argon)3(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/3/12/9	NPD	NPD	0,7	73	0,16/0,16	45	0,33/0,25	0,54	PASS
SGG CLIMATOP XN F2 F5 5(18 argon)6(16 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/18/6/16/5	NPD	NPD	0,6	74	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 6(16 argon)6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/40K	6/16/6/16/9	NPD	NPD	0,6	72	0,16/0,16	43	0,31/0,24	0,53	PASS
SGG CLIMATOP SECURIT XN F2 F5 4(14 argon)SATINOVO MATE 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/40K	4/14/4/14/4	NPD	NPD	0,6	73	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(16 argon)4(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/16/4/18/6	NPD	NPD	0,6	74	0,16/0,16	47	0,31/0,31	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(10 argon)6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/10/6/12/6	NPD	NPD	0,8	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)4(14 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	9/14/4/14/8	NPD	NPD	0,6	72	0,16/0,16	43	0,25/0,29	0,49	PASS
SGG CLIMATOP XN F2 F5 5(12 argon)5(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/12/5/12/5	NPD	NPD	0,7	74	0,16/0,16	47	0,32/0,32	0,53	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 8(12 argon)3(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	8/12/3/12/4	NPD	NPD	0,7	74	0,16/0,16	47	0,30/0,33	0,52	PASS
SGG CLIMATOP XN F2 F5 6(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/18/4/18/4	NPD	NPD	0,5	74	0,16/0,16	47	0,31/0,33	0,53	PASS
SGG CLIMATOP XN F2 F5 6(16 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/6/16/6	NPD	NPD	0,6	73	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(16 argon)ALTDEUTSCH CLEAR 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/200K	6/16/4/14/4	NPD	NPD	0,6	71	0,15/0,16	43	0,27/0,32	0,50	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS XN F3 ALTDEUTSCH CLEAR 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,1	79	0,12/0,12	57	0,25/0,27	0,62	PASS
SGG CLIMATOP XN F2 F5 5(16 argon)6(18 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/16/6/18/5	NPD	NPD	0,6	74	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(16 argon)5(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/16/5/14/4	NPD	NPD	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP XN F2 F5 6(14 argon)6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/14/6/12/6	NPD	NPD	0,7	73	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN 2 F5 4(18 argon) 44.4 (18 argon) 4	NPD	NPD	NPD	NPD	NPD	NPD/P4A/NPD	NPD	40K/40K/200K	4/18/10/18/4	NPD	NPD	0,5	73	0,16/0,16	43	0,31/0,31	0,52	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN 2 F5 6(16 argon) 44.4 (16 argon) 6	NPD	NPD	NPD	NPD	NPD	NPD/P4A/NPD	NPD	40K/40K/200K	6/16/10/16/6	NPD	NPD	0,6	72	0,16/0,16	41	0,29/0,29	0,51	PASS
SGG CLIMAPLUS XN F3 5(16 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/16/5	NPD	NPD	1,1	81	0,12/0,13	59	0,27/0,26	0,65	PASS
SGG CLIMATOP XN F2 XN F5 4(14 argon) 3 (14 argon) 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/3/14/4	NPD	NPD	0,6	75	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 XN II F5 4(14 argon) 3 (14 argon) 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/14/3/14/4	NPD	NPD	0,6	75	0,16/0,16	49	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN II F5 6 (16 argon) 6 (18 argon) 44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	200K/40K/40K	6/16/6/18/9	NPD	NPD	0,5	72	0,16/0,16	43	0,31/0,24	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)6(16 argon)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/16/6/16/8	NPD	NPD	0,6	72	0,16/0,16	42	0,24/0,29	0,49	PASS
SGG CLIMATOP XN F2 XN F5 6(16 argon)SATINOVO MATE 4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/4/16/6	NPD	NPD	0,6	72	0,16/0,16	45	0,30/0,30	0,53	PASS
SGG CLIMATOP XN F2 XN F5 5(16 argon)SATINOVO MATE 6(16 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/16/6/16/5	NPD	NPD	0,6	72	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMATOP LUX F2 LUX F5 4(16 argon)6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/6/18/4	NPD	NPD	0,6	73	0,17/0,17	53	0,22/0,22	0,61	PASS
SGG CLIMATOP XN F2 XN F5 6(16 argon)SATINOVO MATE 6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/6/14/6	NPD	NPD	0,6	71	0,16/0,16	44	0,30/0,30	0,52	PASS
SGG CLIMATOP XN F2 XN F5 6(20 argon)6(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/20/6/20/6	NPD	NPD	0,5	73	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 XN F5 33.1(16 argon)4(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/4/16/6	NPD	NPD	0,6	73	0,16/0,16	44	0,28/0,28	0,51	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 F5 4(14 argon)44.4(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD/P2A/NPD	NPD	200K/40K/200K	4/14/9/14/6	NPD	NPD	0,6	72	0,16/0,16	42	0,31/0,29	0,52	PASS
SGG CLIMATOP PROTECT XN F2 F5 33.1(14 argon)3(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/14/3/12/4	NPD	NPD	0,7	74	0,16/0,16	46	0,28/0,33	0,51	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/16/6/18/6	NPD	NPD	0,5	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMATOP LUX F2 F5 6(18 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/18/6/18/6	NPD	NPD	0,6	72	0,17/0,17	51	0,21/0,21	0,6	PASS
SGG CLIMATOP LUX F2 F5 6(20 argon)6(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/20/6/20/6	NPD	NPD	0,6	72	0,17/0,17	51	0,21/0,21	0,6	PASS
SGG CLIMATOP SECURIT XN II F3 6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	6/14/6	NPD	NPD	1,1	81	0,12/0,13	58	0,26/0,26	0,64	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(12 argon)3(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/3/12/6	NPD	NPD	0,7	73	0,16/0,16	45	0,28/0,28	0,51	PASS
SGG CLIMATOP SAFE XN F2 F5 4(14 argon)3(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/3/12/6	NPD	NPD	0,7	74	0,16/0,16	46	0,33/0,28	0,54	PASS
SGG CLIMAPLUS SECUIRIT XN II F2 6(20 argon) SATINOVO MATE 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K	6/20/6	NPD	NPD	1,1	79	0,12/0,12	56	0,26/0,23	0,61	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 6(16 argon)SATINOVO MATE 4(14 argeon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	200K/40K/40K	6/16/4/14/9	NPD	NPD	0,6	71	0,16/0,15	42	0,30/0,24	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(18 argon)SATINOVO MATE 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/18/4/18/4	NPD	NPD	0,5	73	0,16/0,16	47	0,32/0,32	0,54	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)6(14 argon)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/200K/200K	9/16/6/14/8	NPD	NPD	0,6	72	0,16/0,16	42	0,24/0,29	0,49	PASS
SGG CLIMATOP XN F2 F5 5(16 argon)5(16 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/16/5/16/5	NPD	NPD	0,6	74	0,16/0,16	47	0,32/0,32	0,53	PASS
SGG CLIMATOP PROTECT XN F2 F5 5(16 argon)5(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	40K/40K/40K	5/16/5/14/9	NPD	NPD	0,6	73	0,16/0,16	43	0,32/0,25	0,53	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 6(14 argon)5(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	200K/40K/40K	6/14/514/9	NPD	NPD	0,6	72	0,16/0,16	43	0,31/0,25	0,53	PASS
SGG CLIMATOP XN F2 F5 6(20 argon)6(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/20/6/20/6	NPD	NPD	0,5	73	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMATOP PROTECT LUX F2 F5 4(16 argon)6(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	40K/40K/40K	4/16/6/14/8	NPD	NPD	0,7	71	0,17/0,16	49	0,22/0,17	0,61	PASS
SGG CLIMATOP SECURIT LUX II F2 F5 6(18 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	6/18/6/18/6	NPD	NPD	0,6	72	0,17/0,17	51	0,21/0,21	0,6	PASS
SGG CLIMAPLUS PROTECT SECURIT XN II F3 44.2(20 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	NPD	40K/200K	9/20/4	NPD	NPD	1,1	80	0,12/0,13	54	0,21/0,27	0,59	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 6(16 argon)5(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	200K/40K/40K	6/16/5/14/9	NPD	NPD	0,6	72	0,16/0,16	43	0,31/0,25	0,53	PASS
SGG CLIMAPLUS XN F3 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,1	82	0,12/0,13	60	0,27/0,27	0,65	PASS
SGG CLIMAPLUS XN F3 4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD	40K/40K	4/16/9	NPD	NPD	1,1	80	0,12/0,12	54	0,27/0,27	0,65	PASS
SGG CLIMAPLUS XN F2 4(14 argon) 44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD	200K/40K	4/14/10	NPD	NPD	1,1	80	0,13/0,12	53	0,27/0,19	0,62	PASS
SGG CLIMAPLUS SECURIT XN II F3 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/20/4	NPD	NPD	1,1	82	0,12/0,13	60	0,28/0,28	0,65	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(16 argon)SATINOVO MATE 4(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/4/16/6	NPD	NPD	0,6	72	0,16/0,16	43	0,27/0,27	0,51	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)6(14argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/14/6/14/6	NPD	NPD	0,6	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(20 argon)6(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/20/6/20/6	NPD	NPD	0,5	73	0,16/0,16	44	0,27/0,31	0,51	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(18 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/18/6/18/6	NPD	NPD	0,5	73	0,16/0,16	44	0,27/0,31	0,51	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)SATINOVO MATE 6(14 argon)6	NPD	NPD	NPD	NPD	NPD	P4A/NPD/NPD	NPD	40K/40K/200K	9/14/6/14/6	NPD	NPD	0,6	71	0,15/0,15	41	0,24/0,30	0,49	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 6(14 argon)6(12 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/40K	6/14/6/12/11	NPD	NPD	0,7	72	0,16/0,15	42	0,31/0,23	0,53	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(16 argon)SATINOVO MATE 4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/4/16/6	NPD	NPD	0,6	72	0,16/0,16	43	0,27/0,30	0,51	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(16 argon)4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/4/16/6	NPD	NPD	0,6	73	0,16/0,16	45	0,28/0,31	0,51	PASS
SGG CLIMATOP XN F2 F5 8(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/16/4/16/4	NPD	NPD	0,6	74	0,16/0,16	46	0,30/0,33	0,52	PASS
SGG CLIMATOP PROTECT SILENCE SECURIT XN F2 XN II F5 44.2(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD/NPD	NPD	40K/40K/200K	9/16/4/16/4	NPD	NPD	0,6	73	0,16/0,16	44	0,25/0,33	0,49	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(20 argon)6(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/20/6/20/6	NPD	NPD	0,5	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP SECURIT ONE II F2 F5 4(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/18/4/18/4	NPD	NPD	0,5	59	0,32/0,32	34	0,49/0,49	0,39	PASS
SGG CLIMATOP SECURIT XN II F2 F5 8(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	8/16/4/16/4	NPD	NPD	0,6	74	0,16/0,16	47	0,29/0,33	0,52	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(16 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/4/18/4	NPD	NPD	0,6	74	0,16/0,16	46	0,28/0,33	0,51	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 6(16 agron)6(18 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	200K/200K/40K	6/16/6/18/9	NPD	NPD	0,5	72	0,16/0,16	43	0,31/0,24	0,53	PASS
SGG CLIMATOP XN F2 F5 8(12 argon)8(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/12/8/12/8	NPD	NPD	0,7	72	0,16/0,16	43	0,29/0,29	0,51	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 4(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	4/18/4/18/4	NPD	NPD	0,5	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 4(16 argon)44.2(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD/P2A/NPD	NPD	40K/40K/200K	4/16/9/14/6	NPD	NPD	0,6	73	0,16/0,16	43	0,31/0,29	0,52	PASS
SGG CLIMATOP PROTECT XN F2 F5 6(16 argon)SATINOVO MATE 4(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/4/14/9	NPD	NPD	0,6	71	0,16/0,15	42	0,30/0,24	0,53	PASS
SGG CLIMATOP XN F2 F5 6(20 argon)SATINOVO MATE 4(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/20/4/18/6	NPD	NPD	0,5	72	0,16/0,16	45	0,30/0,30	0,53	PASS
SGG CLIMATOP XN F2 F5 6(16 argon)4(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/4/14/9	NPD	NPD	0,6	73	0,16/0,16	43	0,31/0,25	0,53	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(16 argon)SATINOVO MATE 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/16/4/18/4	NPD	NPD	0,6	73	0,16/0,16	44	0,27/0,32	0,5	PASS
SGG CLIMATOP PROTECT SILENCE XN F2 F5 44.2(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/40K	9/16/4/16/4	NPD	NPD	0,6	73	0,16/0,16	44	0,25/0,33	0,5	PASS
SGG CLIMATOP PROTECT SILENCE XN F2 F5 44.2(14 argon)3(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/NPD/P2A	NPD	40K/40K/40K	9/14/3/14/9	NPD	NPD	0,6	72	0,16/0,16	42	0,25/0,25	0,5	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(16 argon)6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/16/6/18/4	NPD	NPD	0,6	74	0,16/0,16	47	0,32/0,32	0,54	PASS
SGG CLIMATOP XN F2 6(20 argon)SATINOVO MATE 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/6	NPD	NPD	1,1	79	0,12/0,12	56	0,26/0,23	0,61	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(14 argon)6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/40K	6/14/6/14/6	NPD	NPD	0,6	73	0,16/0,16	44	0,27/0,31	0,51	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 6(18 argon)SATINOVO MATE 4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	200K/40K/40K	6/18/4/16/9	NPD	NPD	0,5	71	0,16/0,15	42	0,30/0,24	0,53	PASS
SGG CLIMATOP XN F2 F5 6(16 argon)3(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/3/16/6	NPD	NPD	0,6	74	0,16/0,16	47	0,31/0,31	0,53	PASS
SGG CLIMATOP LUX F2 F5 6(16 argon)6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/6/14/6	NPD	NPD	0,7	72	0,17/0,17	51	0,21/0,21	0,6	PASS
SGG CLIMATOP XN II F2 XN F5 6(14 argon)6(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	200K/200K/40K	6/14/6/14/9	NPD	NPD	0,6	72	0,16/0,16	43	0,31/0,24	0,53	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(14 argon)4(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/14/4/14/6	NPD	NPD	0,6	73	0,16/0,16	44	0,28/0,26	0,51	PASS
SGG CLIMATOP XN F2 F5 6(12 argon)6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/6/14/6	NPD	NPD	0,7	73	0,16/0,16	45	0,31/0,31	0,52	PASS
SGG CLIMATOP XN F2 F5 6(12 argon)5(14 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/14/5/14/5	NPD	NPD	0,6	74	0,16/0,16	46	0,31/0,32	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(16 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	6/16/4/18/4	NPD	NPD	0,6	74	0,16/0,16	48	0,31/0,33	0,53	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 F5 6(14 argon)44.4(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD/P4A/NPD	NPD	200K/40K/200K	6/14/9/14/6	NPD	NPD	0,6	72	0,16/0,16	41	0,29/0,29	0,51	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 6(14 argon)6(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	200K/200K/40K	6/14/6/14/9	NPD	NPD	0,6	72	0,16/0,16	43	0,31/0,24	0,53	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 4(18 argon) SATINOVO MATE 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	4/18/4/18/4	NPD	NPD	0,5	73	0,16/0,16	47	0,32/0,32	0,53	PASS
SGG CLIMATOP PROTECT XN F2 F5 8(14 argon)4(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	40K/40K/40K	8/14/4/14/9	NPD	NPD	0,6	72	0,16/0,16	43	0,29/0,25	0,52	PASS
SGG CLIMATOP SAFE XN F3 F5 33.1(14 argon)3(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/14/3/12/6	NPD	NPD	0,7	74	0,16/0,16	46	0,28/0,33	0,51	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(18 argon)SATINOVO MATE 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/18/4/16/4	NPD	NPD	0,6	73	0,16/0,16	44	0,27/0,32	0,51	PASS
SGG CLIMATOP XN F2 F5 6(16 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/6/16/6	NPD	NPD	0,6	73	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMATOP PROTECT XN F2 F5 44.2(12 argon)SATINOVO MATE 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD/NPD	NPD	40K/40K/40K	9/12/4/12/4	NPD	NPD	0,7	72	0,15/0,16	43	0,24/0,32	0,49	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(18 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/18/4/16/4	NPD	NPD	0,6	74	0,16/0,16	46	0,28/0,33	0,51	PASS
SGG CLIMATOP XN F2 F5 5(14 argon)5(14 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/14/5/14/5	NPD	NPD	0,6	74	0,16/0,16	47	0,32/0,32	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(18 argon)SATINOVO MATE 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/18/4/18/4	NPD	NPD	0,5	73	0,16/0,16	46	0,30/0,32	0,53	PASS
SGG CLIMATOP XN F2 F5 4(14 argon)SATINOVO MATE 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14	NPD	NPD	0,6	73	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(12 argon)SATINOVO MATE 6(10 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/12/6/10/6	NPD	NPD	0,8	71	0,15/0,16	46	0,47/0,27	0,50	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(12 argon)44.4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD/P4A/NPD	NPD	40K/40K/40K	4/12/9/4/10/4	NPD	NPD	0,8	73	0,16/0,16	43	0,31/0,31	0,52	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 8(18 argon)4(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	8/18/4/18/6	NPD	NPD	0,5	73	0,16/0,16	46	0,29/0,31	0,52	PASS
SGG CLIMAPLUS XN F2 F3 4(18 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD	40K/40K	4/18/9	NPD	NPD	1,1	80	0,10/0,10	48	0,30/0,20	0,58	PASS
SGG CLIMATOP XN F2 F5 6(16 agron)3(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/3/166	NPD	NPD	0,6	74	0,16/0,16	47	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 6(16 argon)5(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/5/14/6	NPD	NPD	0,6	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP SAFE XN F2 XN II F5 33.1(18 argon)3(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/18/3/16/4	NPD	NPD	0,6	74	0,16/0,16	46	0,28/0,33	0,51	PASS
SGG CLIMATOP XN F2 F5 4(16 argon)3(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/3/16/4	NPD	NPD	0,6	75	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP PROTECT XN F2 F5 6(18 argon)6(18 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P4A	NPD	40K/40K/40K	6/18/6/18/10	NPD	NPD	0,5	72	0,16/0,15	42	0,31/0,22	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)3(16 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD/NPD	NPD	40K/40K/200K	9/16/3/16/4	NPD	NPD	0,6	73	0,16/0,16	44	0,25/0,33	0,5	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)5(12 argon)8	NPD	NPD	NPD	NPD	NPD	P4A/NPD/NPD	NPD	40K/40K/200K	9/14/5/12/8	NPD	NPD	0,7	72	0,16/0,16	42	0,25/0,29	0,49	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(16 argon)3(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/16/3/16/4	NPD	NPD	0,6	75	0,16/0,16	49	0,33/0,33	0,54	PASS
SGG CLIMATOP XN F2 F5 4(16 argon)3(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/3/16/4	NPD	NPD	0,6	75	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(14 argon)4(12 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P4A	NPD	40K/40K/40K	4/14/4/12/10	NPD	NPD	0,7	73	0,16/0,16	43	0,33/0,23	0,54	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(12 argon)SATINOVO MATE 4(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	40K/40K/40K	4/12/4/12/9	NPD	NPD	0,7	72	0,16/0,15	43	0,32/0,24	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(16 argon)6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	4/16/6/14/4	NPD	NPD	0,6	74	0,16/0,16	47	0,32/0,32	0,54	PASS
SGG CLIMAPLUS SAFE XN F2 33.1(16 argon)SATINOVO MATE 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	NPD	NPD	1,1	80	0,12/0,12	54	0,22/0,24	0,58	PASS
SGG CLIMATOP SECURIT SAFE XN II F2 XN F5 6(12 argon)3(10 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	200K/40K/40K	6/12/3/10/9	NPD	NPD	0,8	73	0,16/0,16	44	0,31/0,25	0,53	PASS
SGG CLIMATOP PROTECT SAFE XN F2 XN II F5 44.2(18 argon)SATINOVO MATE 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/18/4/16/4	NPD	NPD	0,6	72	0,15/0,16	43	0,24/0,32	0,49	PASS
SGG CLIMATOP PROTECT SAFE XN F2 XN II F5 44.2(10 argon)6(10 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/10/6/10/6	NPD	NPD	0,8	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 4(12 argon)4(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	200K/200K/40K	4/12/4/12/9	NPD	NPD	0,7	73	0,16/0,16	44	0,33/0,25	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(14 argon)3(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/14/3/14/6	NPD	NPD	0,6	74	0,16/0,16	48	0,33/0,31	0,54	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 8(16 argon)6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	200K/200K/40K	8/16/6/16/9	NPD	NPD	0,6	72	0,16/0,16	42	0,29/0,24	0,52	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 8(18 argon)6(18 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	200K/200K/40K	8/18/6/18/9	NPD	NPD	0,5	72	0,16/0,16	42	0,29/0,24	0,52	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 6(16 argon)3(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/16/3/16/6	NPD	NPD	0,6	74	0,16/0,16	47	0,31/0,31	0,53	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 4(18 argon)3(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	4/18/3/16/6	NPD	NPD	0,6	74	0,16/0,16	48	0,33/0,31	0,54	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)6(12 argon)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/14/6/12/8	NPD	NPD	0,7	72	0,16/0,16	42	0,24/0,29	0,49	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(18 argon)5(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/18/5/16/4	NPD	NPD	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(20 argon)6(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/20/6/20/4	NPD	NPD	0,5	74	0,16/0,16	47	0,32/0,32	0,54	PASS
SGG CLIMATOP XN F2 F5 5(18 argon)6(20 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/18/6/20/5	NPD	NPD	0,5	74	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP XN F2 F5 4(20 argon)6(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/20/6/20/4	NPD	NPD	0,5	74	0,16/0,16	47	0,33/0,33	0,54	PASS
SGG CLIMATOP XN II F2 F5 6(14 argon)5(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/14/5/12/6	NPD	NPD	0,7	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 4(16 argon)3(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	200K/40K/40K	4/16/3/16/9	NPD	NPD	0,6	73	0,16/0,16	44	0,33/0,25	0,54	PASS
SGG CLIMATOP PROTECT XN F2 F5 44.2(18 argon)6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/NPD/P2A	NPD	40K/40K/40K	9/18/6/16/9	NPD	NPD	0,5	71	0,15/0,15	41	0,24/0,24	0,49	PASS
SGG CLIMATOP SECURIT XN II F2 XN F5 4(16 argon)3(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/40K	4/16/3/16/4	NPD	NPD	0,6	75	0,16/0,16	49	0,33/0,33	0,54	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(14 argon)3(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/14/3/14/6	NPD	NPD	0,6	73	0,16/0,16	45	0,28/0,28	0,51	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/16/4/16/4	NPD	NPD	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(18 argon)3(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/18/3/16/4	NPD	NPD	0,6	74	0,16/0,16	46	0,28/0,33	0,51	PASS
SGG CLIMATOP XN F2 F5 4(14 argon)SATINOVO MATE 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/4	NPD	NPD	0,6	73	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(14 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/14/4/16/4	NPD	NPD	0,6	74	0,16/0,16	48	0,31/0,33	0,53	PASS
SGG CLIMATOP PROTECT XN F2 F5 6(18 argon)4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	40K/40K/40K	6/18/4/16/9	NPD	NPD	0,5	73	0,16/0,16	43	0,31/0,25	0,53	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 4(14 argon)3(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	4/14/3/14/4	NPD	NPD	0,6	75	0,16/0,16	49	0,33/0,33	0,54	PASS
SGG CLIMATOP PROTECT XN F2 F5 44.2(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/40K	9/16/4/16/4	NPD	NPD	0,6	73	0,16/0,16	44	0,25/0,33	0,50	PASS
SGG CLIMATOP PROTECT SECURIT 44.2(14 argon)4(14 argon)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/14/4/14/8	NPD	NPD	0,6	72	0,16/0,16	43	0,25/0,29	0,49	PASS
SGG CLIMAPLUS SAFE SECURIT XN F2 XN II F5 33.1(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K	6/16/4	NPD	NPD	1,1	81	0,12/0,13	56	0,23/0,27	0,61	PASS
SGG CLIMATOP XN F2 F5 8(16 argon)5(14 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/16/5/14/5	NPD	NPD	0,6	73	0,16/0,16	46	0,29/0,32	0,52	PASS
SGG CLIMATOP SECURIT XN II F2 F5 8(12 argon)3(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	8/12/3/12/4	NPD	NPD	0,7	74	0,16/0,16	47	0,30/0,33	0,53	PASS
SGG CLIMATOP XN F2 F5 6(16 argon)SATINOVO MATE 4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/4/16/6	NPD	NPD	0,6	72	0,16/0,16	45	0,30/0,30	0,53	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 5(16 argon)5(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	5/16/5/16/6	NPD	NPD	0,6	74	0,16/0,16	46	0,32/0,31	0,53	PASS
SGG CLIMAPLUS XN F3 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,1	82	0,12/0,13	60	0,27/0,27	0,65	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 8(18 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	8/18/6/16/6	NPD	NPD	0,5	73	0,16/0,16	45	0,29/0,31	0,52	PASS
SGG CLIMATOP PROTECT XN F2 F5 44.2(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/40K	9/14/4/14/4	NPD	NPD	0,6	73	0,16/0,16	44	0,25/0,33	0,50	PASS
SGG CLIMATOP XN F2 F5 4(14 argon)4(14 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/8	NPD	NPD	0,6	74	0,16/0,16	46	0,33/0,30	0,54	PASS
SGG CLIMATOP PROTECT XN F2 F5 44.2(14 argon)4(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	40K/40K/40K	4/14/4/14/9	NPD	NPD	0,6	73	0,16/0,16	44	0,33/0,25	0,54	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(16 argon)4(14 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P4A	NPD	40K/40K/40K	4/16/4/14/10	NPD	NPD	0,6	73	0,16/0,16	43	0,33/0,23	0,54	PASS
SGG CLIMATOP PROTECT XN F2 F5 5(14 argon)5(14 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P4A	NPD	40K/40K/40K	5/14/5/14/10	NPD	NPD	0,6	72	0,16/0,15	42	0,32/0,22	0,53	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 6(18 argon)4(16 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P4A	NPD	200K/200K/40K	6/18/4/16/10	NPD	NPD	0,5	72	0,16/0,15	42	0,31/0,23	0,53	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 6(20 argon)4(18 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P4A	NPD	200K/200K/40K	6/20/4/18/10	NPD	NPD	0,5	72	0,16/0,15	42	0,31/0,23	0,53	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(20 argon)4(20 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P4A	NPD	40K/40K/40K	4/20/4/20/10	NPD	NPD	0,5	73	0,16/0,16	43	0,33/0,23	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(14 argon)5(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/14/5/12/6	NPD	NPD	0,7	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(18 argon)6(18 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/18/6/18/4	NPD	NPD	0,5	73	0,16/0,16	43	0,25/0,32	0,49	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/18/4/18/4	NPD	NPD	0,5	73	0,16/0,16	44	0,25/0,33	0,49	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)5(16 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/14/5/16/6	NPD	NPD	0,6	72	0,16/0,16	43	0,25/0,31	0,49	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)6(14 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/14/6/14/6	NPD	NPD	0,6	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMATOP XN F2 F5 4(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/4	NPD	NPD	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)4(16 argon)6	NPD	NPD	NPD	NPD	NPD	P4A/NPD/NPD	NPD	40K/40K/200K	9/14/4/16/6	NPD	NPD	0,6	73	0,16/0,16	43	0,25/0,31	0,49	PASS

CE

Leistungserklärung
Nr.: LE40000000

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EN 1279-5:2006+A2:2010

Isolierglas zur Verwendung in Gebäuden und Bauwerken

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMATOP PROTECT XN F2 F5 44.2(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/40K	9/14/4/14/4	NPD	NPD	0,6	73	0,16/0,16	44	0,25/0,33	0,50	PASS
SGG CLIMATOP PROTECT XN F2 F5 44.2(14 argon)SATINOVO MATE 4(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/NPD/P2A	NPD	40K/40K/40K	9/14/4/12/9	NPD	NPD	0,7	71	0,15/0,15	41	0,24/0,24	0,49	PASS
SGG CLIMATOP SAVE SECURIT XN F2 XN II F5 33.1(18 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/18/6/18/6	NPD	NPD	0,5	73	0,16/0,16	44	0,27/0,31	0,51	PASS
SGG CLIMATOP SAVE SECURIT XN F2 XN II F5 33.1(14 argon)3(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/14/3/12/4	NPD	NPD	0,7	74	0,16/0,16	46	0,28/0,33	0,51	PASS
SGG CLIMATOP SECURIT SAFE XN II F2 XN F5 4(18 argon)4(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/40K	4/18/4/18/6	NPD	NPD	0,5	74	0,16/0,16	45	0,33/0,28	0,54	PASS
SGG CLIMATOP SECURIT SAFE XN II F2 XN F5 4(18 argon)4(18 argon)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/14/6/14/6	NPD	NPD	0,6	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMAROP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/143/12/4	NPD	NPD	0,7	74	0,16/0,16	46	0,28/0,33	0,51	PASS
SGG CLIMATOP SAFE XN F2 XN II F5 33.1(14 argon)3(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/40K	4/18/4/16/6	NPD	NPD	0,6	74	0,16/0,16	45	0,33/0,28	0,54	PASS
SGG CLIMATOP SECURIT XN F2 F5 4(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/40K	4/18/4/18/4	NPD	NPD	0,5	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(12 argon)SATINOVO MATE 4(12 argon)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/12/4/12/8	NPD	NPD	0,7	71	0,15/0,15	42	0,24/0,29	0,49	PASS
SGG CLIMATOP SECURIT XN II F2 F5 8(20 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	8/20/6/18/6	NPD	NPD	0,5	73	0,16/0,16	45	0,29/0,31	0,52	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)SATINOVO MATE 6(18 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/16/6/18/6	NPD	NPD	0,5	71	0,15/0,15	41	0,24/0,30	0,49	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(12 argon)6(10 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/12/6/10/6	NPD	NPD	0,8	73	0,16/0,16	44	0,27/0,31	0,51	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(14 argon)3(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/14/3/12/4	NPD	NPD	0,7	74	0,16/0,16	46	0,28/0,33	0,51	PASS
SGG CLIMATOP_XN F2 F5 8(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/14/4/14/4	NPD	NPD	0,6	74	0,16/0,16	46	0,30/0,33	0,52	PASS
SGG CL IMATOP XN F2 F5 6(20 argon)6(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/20/6/20/6	NPD	NPD	0,5	74	0,16/0,16	46	0,33/0,31	0,54	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/14/4/14/4	NPD	NPD	0,6	73	0,16/0,16	44	0,25/0,33	0,49	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(16 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/16/4/14/4	NPD	NPD	0,6	74	0,16/0,16	48	0,31/0,33	0,53	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(14 argon)SATINOVO MATE 4(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	40K/40K/40K	4/14/4/14/9	NPD	NPD	0,6	72	0,16/0,15	43	0,32/0,24	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)4(18 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/16/4/18/6	NPD	NPD	0,5	73	0,16/0,16	43	0,25/0,31	0,49	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)SATINOVO MATE 4(14 argon)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/14/4/14/8	NPD	NPD	0,6	71	0,15/0,15	42	0,24/0,29	0,49	PASS
SGG CLIMATOP SECURIT XN II F2 F5 8(14 argon)5(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	8/14/5/14/6	NPD	NPD	0,6	73	0,16/0,16	46	0,29/0,31	0,52	PASS
SGG CLIMATOP SECURIT XN II F2 F5 8(18 argon)6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	8/18/6/18/4	NPD	NPD	0,5	73	0,16/0,16	46	0,29/0,32	0,52	PASS
SGG CLIMATOP PROTECT XN F2 F5 44.2(16 argon)SATINOVO MATE 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/40K	9/16/4/16/4	NPD	NPD	0,6	72	0,15/0,16	43	0,24/0,32	0,49	PASS
SGG CLIMATOP SAVE SECURIT XN F2 XN II F5 33.1(16 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/16/4/14/4	NPD	NPD	0,6	74	0,16/0,16	45	0,28/0,33	0,51	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(16 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	6/16/6/16/6	NPD	NPD	0,6	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 8(16 argon)6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	8/16/6/14/6	NPD	NPD	0,6	73	0,16/0,16	45	0,29/0,31	0,52	PASS
SGG CLIMATOP PROTECT XN F2 F5 6(16 argon)6(18 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	40K/40K/40K	6/16/6/18/9	NPD	NPD	0,5	72	0,16/0,16	43	0,31/0,24	0,52	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(18 argon)SATINOVO MATE 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/18/6/16/4	NPD	NPD	0,6	72	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMAPLUS_PROTECT SECURIT XN 3 44.2(12 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	NPD	40K/200K	9/12/4	NPD	NPD	1,3	80	0,12/0,13	54	0,21/0,27	0,59	PASS
SGG CLIMAPLUS SECURIT XN II F3 8(24 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	8/24/8	NPD	NPD	1,2	80	0,12/0,12	55	0,25/0,24	0,63	PASS
SGG CLIMAPLUS SECURIT XN II F3 6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	6/18/6	NPD	NPD	1,1	81	0,12/0,13	58	0,26/0,26	0,64	PASS
SGG CLIMAPLUS PROTECT SECURIT XN II F3 55.2(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K	11/14/6	NPD	NPD	1,1	79	0,12/0,12	52	0,20/0,25	0,58	PASS
SGG CLIMAPLUS SECURIT XN II F3 8(14 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	8/14/8	NPD	NPD	1,1	80	0,12/0,12	55	0,25/0,24	0,63	PASS
SGG CLIMAPLUS XN F3 6(27 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/27/6	NPD	NPD	1,2	81	0,12/0,13	58	0,26/0,26	0,64	PASS
SGG CLIMATOP SCEURIT XN II F2 F5 4(18 argon)SATINOVO MATE 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/18/4/18/4	NPD	NPD	0,5	73	0,16/0,16	47	0,32/0,32	0,54	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)6(14 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/14/6/14/6	NPD	NPD	0,6	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMATOP XN F2 F5 5(18 argon)5(18 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/18/5/18/5	NPD	NPD	0,5	74	0,16/0,16	47	0,32/0,32	0,53	PASS
SGG CLIMAPLUS XN II F3 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K	4/18/4	NPD	NPD	1,1	82	0,12/0,13	60	0,28/0,27	0,65	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 6(12 argon)5(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	200K/40K/40K	6/12/5/12/9	NPD	NPD	0,7	72	0,16/0,16	43	0,31/0,25	0,53	PASS
SGG CLIMATOP XN F2 F5 5(16 argon)SATINOVO MATE 6(16 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/16/6/16/5	NPD	NPD	0,9	72	0,18/0,18	50	0,25/0,29	0,58	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)5(14 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/16/5/14/4	NPD	NPD	0,6	73	0,16/0,16	44	0,25/0,33	0,49	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(14 argon)4(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/14/4/14/6	NPD	NPD	0,6	74	0,16/0,16	47	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 5(20 argon)6(18 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/20/6/18/5	NPD	NPD	0,5	74	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN II F3 F5 55.2(14 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/200K/200K	11/14/4/12/4	NPD	NPD	0,7	45	0,09/0,15	28	0,14/0,32	0,33	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XNII F5 33.1(12 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/200K	6/12/4/10/4	NPD	NPD	0,8	74	0,16/0,16	45	0,28/0,33	0,51	PASS
SGG CLIMAPLUS SECURIT XN II F3 6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	6/14/6	NPD	NPD	1,1	81	0,12/0,13	59	0,28/0,26	0,65	PASS
SGG CLIMAPLUS SAFE XN F3 33.1(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/6	NPD	NPD	1,1	80	0,12/0,12	54	0,23/0,23	0,61	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(18 argon)SATINOVO MATE 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/18/4/16/4	NPD	NPD	0,6	73	0,16/0,16	44	0,27/0,32	0,51	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(20 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/20/6/18/6	NPD	NPD	0,5	72	0,16/0,16	43	0,25/0,31	0,50	PASS
SGG CLIMATOP SAFE SECURIT 33.1(16 argon)3(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/16/3/14/4	NPD	NPD	0,6	74	0,16/0,16	46	0,28/0,33	0,51	PASS
SGG CLIMATOP SAFE XN F2 F5 4(16 argon)4(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/14/6	NPD	NPD	0,6	74	0,16/0,16	46	0,33/0,28	0,54	PASS
SGG CLIMAPLUS XN F3 66.2(18 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD	40K/40K	13/18/9	NPD	NPD	1,1	78	0,12/0,12	49	0,18/0,20	0,57	PASS
SGG CLIMAPLUS SECURIT PROTECT XN II F3 XN F5 6(10 argon)6(10 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	200K/200K/40K	6/10/6/10/9	NPD	NPD	0,8	72	0,15/0,16	43	0,31/0,25	0,54	PASS
SGG CLIMAPLUS PROTECT SECURIT XN F2 66.2(16 argon)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD	NPD	40K/200K	13/16/8	NPD	NPD	1,1	78	0,12/0,12	51	0,18/0,24	0,55	PASS
SGG CLIMAPLUS XN F3 8(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/6	NPD	NPD	1,1	80	0,12/0,13	57	0,24/0,26	0,63	PASS
SGG CLIMAPLUS SECURIT XN II F3 8(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	8/16/6	NPD	NPD	1,1	80	0,12/0,13	57	0,25/0,26	0,63	PASS
SGG CLIMAPLUS SECURIT PROTECT XN F3 8(16 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD	200K/40K	8/16/11	NPD	NPD	1,1	79	0,12/0,12	51	0,24/0,19	0,62	PASS
SGG CLIMAPLUS XN F3 6(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	NPD	NPD	1,1	81	0,12/0,13	59	0,26/0,27	0,64	PASS
SGG CLIMAPLUS SECURIT XN II F3 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	6/16/4	NPD	NPD	1,1	81	0,12/0,13	59	0,26/0,27	0,64	PASS
SGG CLIMAPLUS SECURIT XN II F3 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/16/4	NPD	NPD	1,1	82	0,12/0,13	60	0,28/0,27	0,65	PASS
SGG CLIMAPLUS SECURIT PROTECT XN F3 6(16 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD	200K/40K	6/16/11	NPD	NPD	1,1	79	0,12/0,12	52	0,26/0,19	0,63	PASS
SGG CLIMAPLUS SECURIT PROTECT XN F3 8(12 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD	200K/40K	8/12/12	NPD	NPD	1,3	78	0,12/0,12	51	0,24/0,18	0,62	PASS
SGG CLIMATOP SECURIT PROTECT SILENCE g=44% 6(14 argon)6(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	200K/200K/40K	6/14/6/14/8	NPD	NPD	0,6	64	0,25/0,24	36	0,40/0,31	0,45	PASS
SGG CLIMATOP SECURIT XN II F3 F5 6(12 argon)6(12argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	6/12/6/12/6	NPD	NPD	0,7	73	0,15/0,16	46	0,31/0,31	0,54	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 8(14argon)6(14argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	200K/200K/40K	8/14/6/14/12	NPD	NPD	0,6	71	0,14/0,14	40	0,29/0,21	0,53	PASS
SGG CLIMATOP SECURIT PROTECT XN II F3 XN II F5 6(16 argon)6(16 argon)55.4	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P4A	NPD/NPD/1B1	200K/200K/100K	6/16/6/16/10	NPD	NPD	0,6	71	0,14/0,14	41	0,30/0,21	0,54	PASS
SGG CLIMATOP SECURIT PROTECT XN II F3 XN II F5 55.2(14 argon)6(12 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/NPD	100K/200K/200K	10/14/6/12/6	NPD	NPD	0,7	72	0,14/0,14	42	0,23/0,30	0,50	PASS
SGG CLIMATOP SECURIT PROTECT XN II F3 XN II F5 6(8 argon)6(10 argon)55.4	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P4A	NPD/NPD/1B1	200K/200K/100K	6/8/6/10/10	NPD	NPD	0,9	71	0,14/0,14	41	0,30/0,21	0,54	PASS
SGG CLIMATOP XN F2 F5 6(14 argon)5(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/14/5/14/6	NPD	NPD	0,6	73	0,14/0,14	46	0,30/0,30	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(14 argon)5(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	6/14/5/14/6	NPD	NPD	0,6	73	0,14/0,14	46	0,30/0,30	0,53	PASS
SGG CLIMAPLUS XN F3 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	1,1	82	0,11/0,12	60	0,27/0,27	0,65	PASS
SGG CLIMAPLUS PROTECT SECURIT XN F3 6(20 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K	6/20/8	NPD	NPD	1,1	80	0,11/0,11	53	0,25/0,20	0,64	PASS
SGG CLIMATOP SECURIT XN SKN165 II F2 XN II F5 6(16 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	6/16/6/16/6	NPD	NPD	0,5	55	0,18/0,20	27	0,34/,36	0,31	PASS
SGG CLIMATOP SECURIT XN SKN165 II F2 XN II F5 8(16 argon)6(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	8/16/6/16/8	NPD	NPD	0,5	54	0,18/0,20	26	0,33/0,34	0,31	PASS
SGG CLIMATOP SECURIT XN SKN165 II F2 XN II F5 6(14 argon)6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	6/14/6/14/6	NPD	NPD	0,6	55	0,18/0,20	27	0,34/0,36	0,31	PASS
SGG CLIMATOP XN SKN165 F2 XN F5 8(16 argon)6(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/16/6/16/8	NPD	NPD	0,5	54	0,18/0,19	27	0,35/0,35	0,31	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMATOP SECURIT XN SKN165 II F2 XN II F5 6(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	6/16/4/16/4	NPD	NPD	0,6	55	0,18/0,20	27	0,34/0,40	0,31	PASS
SGG CLIMATOP PROTECT XN F2 F5 6(14 argon)6(14 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	40K/40K/40K	6/14/6/14/10	NPD	NPD	0,6	72	0,14/0,14	42	0,30/0,23	0,53	PASS
SGG CLIMATOP SECURIT EMAIL F2 XN F3 F5 8(16 argon)6(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	8/16/6/16/8	NPD	NPD	0,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT SKN165 II F2 6(10 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	6/10/6	NPD	NPD	1,4	61	0,16/0,18	31	0,34/0,38	0,34	PASS
SGG CLIMATOP XN F2 F5 8(16 argon)6(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/16/6/16/8	NPD	NPD	0,6	72	0,14/0,14	44	0,28/0,28	0,52	PASS
SGG CLIMATOP SECURIT XN II F2 F5 8(16 argon)6(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	8/16/6/16/8	NPD	NPD	0,6	72	0,14/0,14	44	0,28/0,28	0,52	PASS
SGG CLIMATOP XN SKN165 F2 XN F5 6(16 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/6/16/6	NPD	NPD	0,5	55	0,18/0,19	27	0,38/0,37	0,31	PASS
SGG CLIMAPLUS XN F3 6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,1	81	0,11/0,12	58	0,26/0,27	0,64	PASS
SGG CLIMAPLUS PROTECT XN F2 44.2(16 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	NPD	40K/40K	8/16/6	NPD	NPD	1,1	80	0,11/0,11	53	0,20/0,25	0,57	PASS
SGG CLIMAPLUS PROTECT SECURIT XN F2 44.2(16 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	NPD	40K/200K	8/16/6	NPD	NPD	1,1	80	0,11/0,11	53	0,20/0,25	0,57	PASS
SGG CLIMAPLUS SECURIT XN II F3 5(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	5/12/6	NPD	NPD	1,3	81	0,11/0,12	58	0,26/0,26	0,64	PASS
SGG CLIMAPLUS PROTECT ONE F2 44.2(16 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	8/16/6	NPD	NPD	1,0	70	0,22/0,23	42	0,30/0,38	0,48	PASS
SGG CLIMAPLUS ONE F2 10(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/6	NPD	NPD	1,0	70	0,22/0,23	43	0,34/0,38	0,49	PASS
SGG CLIMAPLUS SECURIT-H ONE II F3 8(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2*	200K/200K	8/16/6	NPD	NPD	1,0	71	0,22/0,23	46	0,35/0,38	0,51	PASS
SGG CLIMAPLUS SECURIT-H ONE II F3 10(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C2/1C2*	200K/200K	10/16/6	NPD	NPD	1,0	70	0,22/0,23	45	0,33/038	0,50	PASS
SGG CLIMAPLUS ONE F2 8(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/6	NPD	NPD	1,0	71	0,22/0,23	44	0,36/0,38	0,50	PASS
SGG CLIMAPLUS SECURIT ONE II F2 6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	P2A/NPD	200K/40K	6/16/8	NPD	NPD	1,0	70	0,23/0,22	43	0,38/0,30	0,49	PASS
CB CLIMATOP SECURIT XN II F2 XN II F5 6(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/18/4/18/4	NPD	NPD	0,5	74	0,14/0,14	47	0,30/0,32	0,54	PASS
CB CLIMATOP SECURIT XN II F2 XN II F5 4(14 argon)3(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/14/3/14/4	NPD	NPD	0,6	75	0,14/0,14	48	0,33/0,33	0,55	PASS
CB CLIMATOP SECURIT XN II F2 XN II F5 6(18 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/18/6/18/6	NPD	NPD	0,5	73	0,14/0,14	45	0,30/0,30	0,53	PASS
CB CLIMATOP SECURIT XN II F2 XN II F5 6(16 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/16/6/16/6	NPD	NPD	0,6	73	0,14/0,14	46	0,30/0,32	0,53	PASS
CB CLIMATOP PROTECT XN F2 F5 44.2(18 argon)3(18 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/NPD	40K/40K/200K	8/18/3/18/4	NPD	NPD	0,5	73	0,14/0,14	44	0,24/0,33	0,50	PASS
CB CLIMATOP SECURIT XN II F2 XN II F5 4(20 argon)6(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/20/6/20/4	NPD	NPD	0,5	74	0,14/0,14	47	0,32/0,32	0,54	PASS
CB CLIMATOP SECURIT ECLAZ II F2 ECLAZ II F5 4(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	4/18/4/18/4	NPD	NPD	0,5	76	0,14/0,14	51	0,26/0,26	0,59	PASS
CB CLIMATOP SECURIT XN II F2 XN II F5 6(16 argon)5(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	6/16/5/16/6	NPD	NPD	0,6	73	0,14/0,14	46	0,30/0,30	0,53	PASS
CB CLIMATOP SECURIT PROTECT ANTELIO SILBER XN II F3 XN F5 6(14 argon)6(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	200K/200K/40K	6/14/6/14/8	NPD	NPD	0,6	54	0,34/0,28	33	0,44/0,30	0,42	PASS
CB CLIMATOP SECURIT XN II F2 XN II F5 6(18 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	6/18/6/18/6	NPD	NPD	0,5	73	0,14/0,14	45	0,30/0,30	0,53	PASS
CB CLIMATOP PROTECT XN F2 XN II F5 44.2(16 argon)44.4(16 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/P4A/NPD	1B1/1B1/NPD	40K/40K/200K	8/16/9/16/4	NPD	NPD	0,6	71	0,14/0,14	40	0,23/0,30	0,49	PASS
CB CLIMATOP PROTECT XN F2 XN II F5 44.2(16 argon)44.4(14 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/P4A/NPD	1B1/1B1/NPD	40K/40K/200K	8/16/9/14/6	NPD	NPD	0,6	71	0,14/0,14	40	0,23/0,29	0,49	PASS
CB CLIMATOP SECURIT ECLAZ II F2 ECLAZ II F5 6(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	6/18/4/18/4	NPD	NPD	0,5	76	0,14/0,14	51	0,25/0,6	0,58	PASS
CB CLIMAPLUS SECURIT XN II F3 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/12/4	NPD	NPD	1,3	82	0,12/0,12	59	0,27/0,27	0,65	PASS
CB CLIMATOP XN F2 F5 4(20 argon)4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/20/4/20/4	NPD	NPD	0,5	74	0,14/0,14	48	0,32/0,32	0,54	PASS
CB CLIMAPLUS PROTECT XN F3 4(16 Argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD	200K/40K	4/16/8	37	NPD	1,1	80	0,11/0,11	54	0,27/0,27	0,65	PASS
CB CLIMAPLUS SECURIT XN F3 6(16 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	6/16/4	35	NPD	1,1	81	0,11/0,12	58	0,26/0,27	0,64	PASS
CB CLIMAPLUS SECURIT XN F3 4(18 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/18/4	NPD	NPD	1,1	82	0,11/0,12	59	0,27/0,27	0,65	PASS
CB CLIMAPLUS SECURIT XN F3 4(16 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/16/6	35	NPD	1,1	81	0,12/0,12	58	0,27/0,26	0,65	PASS
CB CLIMAPLUS XN F3 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	NPD	NPD	1,1	81	0,11/0,12	57	0,27/0,26	0,64	PASS
CB CLIMAPLUS SECURIT XN II F2 8(16 Argon)66.2 TVG	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	200K/100K	8/16/12	NPD	NPD	1,1	78	0,11/,11	50	0,24/0,18	0,59	PASS
CB CLIMATOP SECURIT ONE II F2 ONE II F5 6(16 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	6/16/6/16/6	NPD	NPD	0,5	56	0,31/0,31	31	0,42/0,42	0,38	PASS
CB CLIMATOP SECURIT PROTECT ONE II F2 ONE F5 6(14 argon)6(16 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	200K/200K/40K	6/14/6/16/12	NPD	NPD	0,6	54	0,31/0,30	28	0,43/0,34	0,37	PASS
CB CLIMAPLUS PROTECT SILENCE XN F3 4(16 argon)44.2 SI	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/P2A	40K/40K	4/16/9	NPD	NPD	1,1	80,8	0,11/0,11	54	0,27/0,21	0,65	PASS
CB CLIMAPLUS SECURIT XN II F2 6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	6/18/4	NPD	NPD	1,1	81,4	0,11/0,11	58	0,26/0,27	0,64	PASS
CB CLIMAPLUS PROTECT SECURIT XN II F3 44.2(16 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	NPD	40K/200K	9/16/4	NPD	NPD	1,1	80,8	0,11/0,11	54	0,22/0,27	0,59	PASS
CB CLIMAPLUS PROTECT SILENCE SECURIT XN II F3 44.2(16 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	NPD	40K/200K	9/16/4	NPD	NPD	1,1	80,8	0,11/0,12	54	0,22/0,27	0,59	PASS
CB CLIMAPLUS PROTECT SILENCE SECURIT XN II F3 44.2(14 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	NPD	40K/200K	9/14/6	NPD	NPD	1,1	80,3	0,11/0,12	53	0,22/0,26	0,59	PASS
CB CLIMAPLUS PROTECT SILENCE SECURIT XN II F3 44.4(14 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	NPD	40K/200K	10/14/4	NPD	NPD	1,1	80,7	0,11/0,12	53	0,21/0,27	0,58	PASS
CB CLIMAPLUS PROTECT XN F3 44.4(14 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	NPD	40K/40K	10/14/4	NPD	NPD	1,1	80,7	0,11/0,12	53	0,20/0,27	0,59	PASS
CB CLIMAPLUS PROTECT SECURIT XN II F3 44.4(16 argon)6	NPD	NPD	NPD	NPD	NPD	P4A/NPD	NPD	40K/200K	10/16/6	NPD	NPD	1,1	80,2	0,11/0,12	52	0,20/0,25	0,58	PASS
CB CLIMATOP XN F2 F5 4(18 argon)4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/18/4/18/4	NPD	NPD	0,5	74	0,16/0,16	48	0,33/0,33	0,54	PASS
CB CLIMAPLUS XN F3 6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,1	81	0,11/0,12	58	0,26/0,27	0,64	PASS
CB CLIMAPLUS SECURIT ONE II F3 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	6/16/6	NPD	NPD	1,0	70	0,22/0,23	45	0,37/0,36	0,52	PASS
CB CLIMAPLUS PROTECT XN F3 44.2(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	8/16/8	39	NPD	1,1	79	0,11/0,11	50	0,21/0,20	0,59	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN176 II 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	6/16/4	35(-1;-5)	NPD	1,0	70	0,13/0,15	35	0,32/0,40	0,37	PASS
SGG CLIMAPLUS COOL-LITE SKN176 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-1;-5)	NPD	1,0	70	0,13/0,15	35	0,37/0,42	0,37	PASS
SGG CLIMAPLUS COOL-LITE SKN176 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	33(-1;-5)	NPD	1,0	70	0,13/0,15	35	0,37/0,39	0,37	PASS
CB CLIMATOP SILENCE XN F2 F5 44.2(18 Argon)3(16 Argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/NPD/P2A	1B1/NPD/1B1	40K/40K/40K	9/18/3/16/9	NPD	NPD	0,5	72	0,14/0,14	40	0,24/0,24	0,48	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(16 Argon)6(14 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/40K/200K	6/16/6/14/6	NPD	NPD	0,6	71	0,14/0,14	44	0,28/0,28	0,52	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(16 Argon)4(16 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/40K/200K	6/16/4/16/6	37(-3;-7)	NPD	0,6	72	0,14/0,14	45	0,29/0,29	0,52	PASS
CB CLIMAPLUS XN F3 6(18 Argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/8	37(-2;-5)	NPD	1,1	80	0,11/0,11	55	0,26/0,23	0,63	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(20 Argon)6(20 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/40K/200K	6/20/6/20/6	NPD	NPD	0,5	71	0,14/0,14	44	0,28/0,28	0,52	PASS
CB CLIMATOP SECURIT XN II F2 F5 4(20 Argon)4(20 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/20/4/20/4	34(-2;-7)	NPD	0,5	73	0,14/0,14	46	0,30/0,30	0,53	PASS
CB CLIMATOP SECURIT XN II F2 F5 4(20 Argon)4(20 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3/1C3	200K/200K/200K	4/20/4/20/4	34(-2;-7)	NPD	0,5	73	0,14/0,14	46	0,30/0,30	0,53	PASS
CB CLIMATOP SECURIT XN II F2 F5 4(12 Argon)4(12 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/12/4/12/4	32(-1;-5)	NPD	0,7	73	0,14/0,14	46	0,30/0,30	0,53	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(16 Argon)3(16 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/40K/200K	6/16/3/16/6	NPD	NPD	0,6	72	0,14/0,14	45	0,29/0,29	0,52	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(16 Argon)5(14 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/40K/200K	6/16/5/14/6	NPD	NPD	0,6	71	0,14/0,14	44	0,29/0,29	0,52	PASS
CB CLIMATOP XN F2 F5 6(20 Argon)6(18 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C2	40K/40K/40K	6/20/6/18/6	37(-2;-7)	NPD	0,5	72	0,14/0,14	44	0,28/0,28	0,52	PASS
CB CLIMATOP XN F2 F5 5(18 Argon)4(16 Argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C3	40K/40K/40K	5/18/4/16/5	NPD	NPD	0,5	73	0,14/0,14	45	0,29/0,29	0,52	PASS
CB CLIMATOP XN F2 F5 5(18 Argon)3(16 Argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C3	40K/40K/40K	5/18/3/16/5	NPD	NPD	0,5	73	0,15/0,14	46	0,30/0,30	0,53	PASS
CB CLIMATOP SECURIT XN II F2 F5 4(18 Argon)4(18 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3/1C3	200K/200K/200K	4/18/4/18/4	32(1;-5)	NPD	0,5	73	0,14/0,14	46	0,30/0,30	0,53	PASS
CB CLIMATOP PROTECT SECURIT XN II F2 F5 44.2(18 Argon)6(16 Argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C2	40K/40K/200K	9/18/6/16/6	42(-2;-7)	NPD	0,8	72	0,17/0,17	46	0,22/0,27	0,53	PASS
CB CLIMATOP PROTECT SILENCE SECURIT XN II F2 F5 44.2(18 Argon)3(16 Argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/NPD/P2A	1B1/NPD/1B1	40K/40K/40K	9/18/3/16/9	NPD	NPD	0,8	73	0,17/0,17	45	0,23/0,23	0,54	PASS
CB CLIMATOP PROTECT SILENCE SECURIT XN II F2 F5 44.2(14 Argon)3(14 Argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/NPD/P2A	1B1/NPD/1B1	40K/40K/40K	8/14/3/14/9	NPD	NPD	0,9	73	0,17/0,17	45	0,23/0,23	0,54	PASS
CB CLIMATOP SECURIT XN II F2 F5 4(18 Argon)4(16 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/18/4/16/4	33(-2;-6)	NPD	0,5	73	0,14/0,14	46	0,30/0,30	0,53	PASS
CB CLIMATOP PROTECT SILENCE XN F2 F5 44.2(16 Argon)3(14 Argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/NPD/P2A	1B1/NPD/1B1	40K/40K/40K	9/16/3/14/9	NPD	NPD	0,6	72	0,14/0,14	40	0,24/0,24	0,48	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(20 Argon)6(18 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/100K/200K	6/20/6/18/6	37(-2;-7)	NPD	0,5	71	0,14/0,14	44	0,28/0,28	0,52	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(18 Argon)6(16 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/40K/200K	6/18/6/16/6	36(-2;6)	NPD	0,5	71	0,14/0,14	44	0,28/0,28	0,52	PASS
CB CLIMATOP PROTECT SECURIT XN II F2 F5 44.2(16 Argon)6(16 Argon)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C2	40K/100K/200K	9/16/6/16/8	40(-2;-5)	NPD	0,6	71	0,14/0,14	40	0,24/0,27	0,48	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	3	3	3	3	3	3	3	3	3	3
CB CLIMATOP SECURIT XN II F2 F5 4(16 Argon)3(16 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/16/3/16/4	33(-3;-7)	NPD	0,6	73	0,14/0,14	47	0,31/0,31	0,53	PASS
CB CLIMATOP SECURIT PROTECT XN II F2 F5 6(16 Argon)3(14 Argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	1C2/NPD/1B1	200K/40K/40K	6/16/3/14/9	NPD	NPD	0,6	72	0,14/0,14	42	0,29/0,24	0,53	PASS
CB CLIMATOP XN F2 F5 4(16 Argon)4(14 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/14/4	32(-2;-6)	NPD	0,6	73	0,14/0,14	46	0,30/0,30	0,53	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(12 Argon)6(12 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/40K/200K	6/12/6/12/6	34(-2;-6)	NPD	0,7	71	0,14/0,14	44	0,28/0,28	0,52	PASS
CB CLIMATOP SECURIT XN II F2 F5 4(16 Argon)4(14 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/16/4/14/4	32(-2;-6)	NPD	0,6	73	0,14/0,14	46	0,30/0,30	0,53	PASS
CB CLIMATOP PROTECT SECURIT XN II F2 F5 44.2(18 Argon)4(18 Argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C2	40K/40K/200K	9/18/4/18/6	42(-1;-6)	NPD	0,5	72	0,14/0,14	41	0,24/0,28	0,48	PASS
CB CLIMATOP SECURIT PROTECT SILENCE XN II F2 F5 4(16 Argon)4(16 Argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	1C3/NPD/1B1	200K/40K/40K	4/16/4/16/9	41(-2;-7)	NPD	0,6	72	0,14/0,14	42	0,30/0,24	0,53	PASS
CB CLIMATOP SECURIT PROTECT SILENCE XN II F2 F5 4(16 Argon)4(16 Argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	1C3/1C3/1B1	200K/200K/40K	4/16/4/16/9	41(-2;-7)	NPD	0,6	72	0,14/0,14	42	0,30/0,24	0,53	PASS
CB CLIMATOP PROTECT SILENCE XN F2 F5 4(16 Argon)4(16 Argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	40K/40K/40K	4/16/4/16/9	41(-2;-7)	NPD	0,6	72	0,14/0,14	42	0,30/0,24	0,53	PASS
CB CLIMAPLUS SECURIT PROTECT XN II F3 6(18 Argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/18/9	40(-2;-6)	NPD	1,1	80	0,11/0,11	51	0,26/0,20	0,63	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(12 Argon)3(12 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/40K/200K	6/12/3/12/6	NPD	NPD	0,7	72	0,14/0,14	45	0,29/0,29	0,52	PASS
CB CLIMATOP SECURIT XN II F2 F5 4(18 Argon)4(18 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/100K/200K	4/18/4/18/4	32(-1;-5)	NPD	0,5	73	0,14/0,14	46	0,30/0,30	0,53	PASS
CB CLIMATOP SECURIT XN II F2 F5 4(16 Argon)4(14 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/100K/200K	4/16/4/14/4	32(-2;-6)	NPD	0,6	73	0,14/0,14	46	0,30/0,30	0,53	PASS
CB CLIMATOP PROTECT SECURIT XN II F2 F5 44.2(16 Argon)4(16 Argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C3	40K/100K/200K	9/16/4/16/4	39(-2;-6)	NPD	0,6	72	0,14/0,14	42	0,24/0,30	0,48	PASS
CB CLIMAPLUS XN F3 5(18 Argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/18/5	34(-2;-5)	NPD	1,1	81	0,11/0,11	57	0,27/0,25	0,64	PASS
CB CLIMATOP PROTECT XN F2 F5 4(16 Argon)44.2(16 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD/P2A/NPD	NPD/1B1/NPD	40K/40K/40K	4/16/9/16/4	NPD	NPD	0,6	72	0,14/0,14	41	0,29/0,29	0,51	PASS
CB CLIMATOP PROTECT XN F2 F5 4(16 Argon)44.4(16 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD/P4D/NPD	NPD/1B1/NPD	40K/40K/40K	4/16/10/16/4	NPD	NPD	0,6	72	0,14/0,14	41	0,29/0,29	0,51	PASS
CB CLIMATOP ECLAZ F2 F5 6(18 Argon)6(18 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/18/6/18/6	37(-3;-7)	NPD	0,5	75	0,14/0,14	50	0,25/0,25	0,58	PASS
CB CLIMATOP SECURIT ECLAZ II F2 F5 6(18 Argon)6(18 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/40K/200K	6/18/6/18/6	37(-3;-7)	NPD	0,5	75	0,14/0,14	49	0,24/0,24	0,57	PASS
CB CLIMATOP SECURIT ECLAZ II F2 F5 6(20 Argon)6(20 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/40K/200K	6/20/6/20/6	37(-2;-7)	NPD	0,5	75	0,14/0,14	49	0,24/0,24	0,57	PASS
CB CLIMATOP PROTECT SECURIT ECLAZ II F2 F5 9(18 Argon)6(16 Argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C2	40K/40K/200K	9/18/6/16/6	NPD	NPD	0,5	75	0,14/0,14	46	0,20/0,24	0,55	PASS
CB CLIMATOP ECLAZ F2 F5 4(18 Argon)3(18 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/18/3/18/4	NPD	NPD	0,5	77	0,14/0,14	53	0,26/0,26	0,60	PASS
CB CLIMATOP SECURIT ECLAZ II F2 F5 4(18 Argon)3(18 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/18/3/18/4	NPD	NPD	0,5	77	0,14/0,14	52	0,26/0,26	0,59	PASS
CB CLIMATOP PROTECT SECURIT XN II F4 F7 9(14 Argon)6(14 Argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C2	40K/100K/200K	9/14/6/14/6	40(-2;-6)	NPD	0,6	71	0,14/0,14	40	0,24/0,28	0,48	PASS
CB CLIMATOP PROTECT XN F2 F5 5(14 Argon)6(14 Argon)9	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	40K/40K/40K	5/14/6/14/9	NPD	NPD	0,6	72	0,14/0,14	41	0,29/0,23	0,52	PASS
CB CLIMATOP XN F2 F5 4(24 Argon)4(24 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/24/4/24/4	35(-2;-7)	NPD	0,5	73	0,14/0,14	46	0,30/0,30	0,53	PASS
CB CLIMATOP XN F2 F5 4(16 Argon)4(16 Argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/8	39(-3;-7)	NPD	0,6	73	0,14/0,14	44	0,30/0,27	0,53	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(20 Argon)6(18 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/40K/200K	6/20/6/18/6	37(-2;-7)	NPD	0,5	71	0,14/0,14	44	0,28/0,28	0,52	PASS
CB CLIMATOP PROTECT XN F2 F5 4(18 Argon)4(18 Argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P4A	NPD/NPD/1B1	40K/40K/40K	4/18/4/18/9	NPD	NPD	0,5	72	0,14/0,14	41	0,30/0,22	0,53	PASS
CB CLIMATOP XN F2 F5 4(16 Argon)3(14 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/3/14/4	NPD	NPD	0,6	74	0,14/0,14	46	0,30/0,30	0,53	PASS
CB CLIMATOP XN F2 F5 6(16 Argon)4(16 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/4/16/4	36(-1;-5)	NPD	0,6	73	0,14/0,14	45	0,28/0,30	0,52	PASS
CB CLIMATOP PROTECT XN F2 F5 44.2(14 Argon)5(14 Argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/NPD/P2A	1B1/NPD/1B1	40K/40K/40K	9/14/5/14/9	NPD	NPD	0,6	71	0,14/0,14	40	0,23/0,23	0,48	PASS
CB CLIMATOP PROTECT XN F2 F5 44.2(14 Argon)4(14 Argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/NPD/P2A	1B1/NPD/1B1	40K/40K/40K	9/14/4/14/9	41(-2;-6)	NPD	0,6	71	0,14/0,14	40	0,24/0,24	0,48	PASS
CB CLIMATOP SAFE XN F2 F5 4(14 Argon)4(14 Argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	4/14/4/14/6	36(-2;-6)	NPD	0,6	73	0,14/0,14	43	0,30/0,26	0,53	PASS
CB CLIMATOP PROTECT SECURIT XN II 44.2(12 Agon)4(12 Argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1b1/NPD/1C2	40K/40K/200K	9/12/4/12/6	40(-2;-5)	NPD	0,7	72	0,14/0,14	41	0,24/0,28	0,48	PASS
CB CLIMATOP XN F2 F5 5(16 Argon)6(18 Argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/16/6/18/5	NPD	NPD	0,5	73	0,14/0,14	44	0,29/0,29	0,52	PASS
CB CLIMATOP SAFE XN F2 F5 4(14 Argon)4(14 Argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	4/14/4/14/6	36(-2;-6)	NPD	0,6	73	0,14/0,14	43	0,30/0,26	0,53	PASS
CB CLIMATOP PROTECT SECURIT XN II F2 F5 44.2(12 Argon)6(10 Argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C2	40K/40K/200K	9/12/6/10/6	NPD	NPD	0,8	71	0,14/0,14	40	0,24/0,28	0,48	PASS
CB CLIMATOP F2 F5 XN 6(16 Argon)4(16 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/4/16/4	36(-1;-5)	NPD	0,6	73	0,14/0,14	45	0,28/0,30	0,52	PASS
CB CLIMATOP PROTECT SECURIT XN II F2 F5 44.2(14 Argon)4(12 Argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C2	40K/40K/200K	9/14/4/12/6	41(-2;-6)	NPD	0,7	72	0,14/0,14	41	0,24/0,28	0,48	PASS
CB CLIMAPLUS PROTECT XN F3 44.2(20 Argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/20/4	39(-3;-7)	NPD	1,1	80	0,11/0,12	52	0,21/0,25	0,59	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(18 Argon)6(18 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/100K/200K	6/1/6/18/6	37(-3;-7)	NPD	0,5	71	0,14/0,14	44	0,28/0,28	0,52	PASS
CB CLIMATOP SECURIT PROTECT XN II F2 F5 4(16 Argon)44.4(14 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD/P4A/NPD	1C3/1B1/1C3	200K/40K/200K	4/16/10/14/4	NPD	NPD	0,6	71	0,14/0,14	41	0,29/0,29	0,51	PASS
CB CLIMATOP PROTECT XN F2 F5 44.2(16 Argon)3(16 Argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/NPD	40K/40K/40K	9/16/3/16/4	NPD	NPD	0,6	73	0,14/0,14	42	0,24/0,30	0,48	PASS
CB CLIMATOP SAFE SECURIT XN II F2 F5 33.1(14 Argon)4(14 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/1C3	40K/40K/200K	6/14/4/14/4	36(-2;-6)	NPD	0,6	73	0,14/0,14	43	0,26/0,30	0,49	PASS
CB CLIMATOP SECURIT ECLAZ II F2 F5 4(18 Argon)4(18 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/18/4/18/4	32(-1;-5)	NPD	0,5	73	0,14/0,14	46	0,30/0,30	0,53	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(18 Argon)4(16 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/40K/200K	6/18/4/16/6	37(-2;-7)	NPD	0,5	72	0,14/0,14	45	0,29/0,29	0,52	PASS
CB CLIMATOP SECURIT XN II F2 F5 4(24 Argon)4(24 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/24/4/24/4	35(-2;-7)	NPD	0,5	73	0,14/0,14	46	0,30/0,30	0,53	PASS
CB CLIMATOP PROTECT SECURIT XN II F2 F5 44.2(14 Argon)4(14 Argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C2	40K/40K/200K	8/14/4/14/6	41(-2;-6)	NPD	0,6	72	0,14/0,14	41	0,24/0,28	0,48	PASS
CB CLIMATOP SECURIT PROTECT XN II F2 F5 4(16 Argon)44.4(16 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD/P4A/NPD	1C3/1B1/1C3	200K/40K/200K	4/16/10/16/4	NPD	NPD	0,6	71	0,14/0,14	41	0,29/0,29	0,51	PASS
CB CLIMATOP SECURIT ECLAZ II F2 F5 6(16 Argon)6(14 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/100K/200K	6/16/6/14/6	NPD	NPD	0,6	71	0,14/0,14	44	0,28/0,28	0,52	PASS
CB CLIMATOP PROTECT SECURIT XN II 44.2(14 Argon)6(14 Argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/1C2/1C2	40K/200K/200K	9/14/6/14/6	40(-2;-6)	NPD	0,6	71	0,14/0,14	40	0,24/0,28	0,48	PASS
CB CLIMATOP XN F2 F5 5(12 Argon)6(14 Argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/12/6/14/5	NPD	NPD	0,7	73	0,14/0,14	44	0,29/0,29	0,52	PASS
CB CLIMATOP SECURIT PROTECT XN II F2 F5 6(12 Argon)6(10 Argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	1C2/NPD/1B1	200K/100K/40K	6/12/6/10/9	39(-2;-6)	NPD	0,8	71	0,14/0,14	40	0,28/0,24	0,52	PASS
CB CLIMATOP PROTECT SILENCE XN F2 F5 44.2(14 Argon)4(14 Argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/NPD	40K/40K/40K	9/14/4/14/4	40(-2;-6)	NPD	0,6	72	0,14/0,14	42	0,24/0,30	0,48	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(16 Argon)6(14 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/NPD	200K/100K/40K	6/16/6/16/4	37(-2;-6)	NPD	0,6	72	0,14/0,14	44	0,28/0,30	0,52	PASS
CB CLIMATOP PROTECT XN F2 F5 44.2(16 Argon)6(14 Argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/NPD/P2A	1B1/NPD/1B1	40K/40K/40K	9/16/6/14/9	41(-2;-6)	NPD	0,6	71	0,14/0,14	39	0,23/0,23	0,48	PASS
CB CLIMATOP XN F2 F5 5(18 Argon)6(18 Argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/18/6/18/5	NPD	NPD	0,5	73	0,14/0,14	44	0,29/0,29	0,52	PASS
CB CLIMATOP SAFE SECURIT XN II F2 F5 33.1(16 Argon)4(16 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/1C2	40K/40K/200K	3/16/4/16/6	38(-3;-8)	NPD	0,6	72	0,14/0,14	42	0,26/0,28	0,49	PASS
CB CLIMATOP SECURIT XN II F2 F5 4(18 Argon)3(18 Argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/40K	4/18/3/18/5	NPD	NPD	0,5	73	0,14/0,14	46	0,30/0,29	0,53	PASS
CB CLIMATOP SAFE XN F2 F5 4(18 Argon)4(16 Argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	4/18/4/16/6	37(-2;-6)	NPD	0,5	73	0,14/0,14	43	0,30/0,26	0,53	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(16 Argon)6(14 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/100K/200K	6/16/6/14/6	NPD	NPD	0,6	71	0,14/0,14	44	0,28/0,28	0,52	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(12 Argon)6(12 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/100K/200K	6/12/6/12/6	34(-2;-6)	NPD	0,7	71	0,14/0,14	44	0,28/0,28	0,52	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(20 Argon)6(20 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/100K/200K	6/20/6/20/6	37(-2;-7)	NPD	0,5	71	0,14/0,14	44	0,28/0,28	0,52	PASS
CB CLIMATOP SECURIT XN II F2 F5 4(18 Argon)4(16 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C2	200K/100K/200K	6/18/4/16/6	NPD	NPD	0,5	72	0,14/0,14	45	0,30/0,29	0,53	PASS
CB CLIMATOP XN F2 F5 6(16 Argon)6(16 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/6/16/6	36(-3;-7)	NPD	0,6	72	0,14/0,14	43	0,28/,28	0,52	PASS
CB CLIMATOP PROTECT XN F2 F5 44.2(14 Argon)4(12 Argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/NPD/P2A	1B1/NPD/1B1	40K/40K/40K	9/14/4/12/9	40(-1;-5)	NPD	0,7	71	0,14/0,14	40	0,24/0,24	0,48	PASS
CB CLIMATOP SAFE XN F2 F5 6(18 Argon)6(18 Argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	6/18/6/18/6	37(-2;-6)	NPD	0,5	72	0,14/0,14	41	0,28/0,25	0,52	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(18 Argon)4(18 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C3	200K/100K/200K	6/18/4/18/4	38(-2;-7)	NPD	0,5	72	0,14/0,14	45	0,29/0,30	0,52	PASS
CB CLIMATOP XN F2 F5 4(20 Argon)6(18 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/20/6/18/4	NPD	NPD	0,5	73	0,14/0,14	45	0,30/0,30	0,53	PASS
CB CLIMATOP SECURIT PROTECT XN II 4(16 Argon)4(16 Argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	1C3/NPD/1B1	200K/100K/40K	4/16/4/16/9	39(-2;-6)	NPD	0,6	72	0,14/0,14	42	0,30/0,24	0,53	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(16 Argon)5(14 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/100K/200K	6/16/5/14/6	NPD	NPD	0,6	71	0,14/0,14	44	0,29/0,29	0,52	PASS
CB CLIMATOP SECURIT PROTECT XN II F2 F5 4(16 Argon)4(14 Argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P4A	1C3/NPD/1B1	200K/40K/40K	4/16/4/14/10	NPD	NPD	0,6	72	0,14/0,14	41	0,30/0,23	0,53	PASS
CB CLIMATOP SAFE XN F2 F5 4(16 Argon)4(16 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	4/16/4/16/6	37(-2;-7)	NPD	0,6	73	0,14/0,14	43	0,30/0,26	0,53	PASS
CB CLIMATOP SAFE XN F2 F5 4(16 Argon)4(14 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	4/16/4/14/6	36(-2;-6)	NPD	0,6	73	0,14/0,14	43	0,30/0,26	0,53	PASS
CB CLIMATOP PROTECT SECURIT XN II F2 F5 9(18 Argon)5(16 Argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C2	40K/40K/200K	9/18/5/16/6	NPD	NPD	0,5	71	0,14/0,14	41	0,24/0,28	0,48	PASS
CB CLIMATOP SECURIT XN II F2 F5 4(18 Argon)6(18 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/18/6/18/4	NPD	NPD	0,5	72	0,14/0,14	45	0,30/0,30	0,53	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
CB CLIMATOP XN F2 F5 5(14 Argon)6(14 Argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/14/6/14/5	NPD	NPD	0,6	73	0,14/0,14	44	0,29/0,29	0,52	PASS
CB CLIMATOP PROTECT SECURIT XN II F2 F5 44.2(16 Argon)4(18 Argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C3	40K/40K/200K	9/16/4/18/4	NPD	NPD	0,5	72	0,14/0,14	42	0,24/0,30	0,48	PASS
CB CLIMATOP SECURIT XN II F2 F5 8(20 Argon)8(20 Argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/NPD	200K/200K/40K	8/20/8/20/8	NPD	NPD	0,5	71	0,14/0,14	42	0,27/0,27	0,51	PASS
CB CLIMATOP PROTECT XN F2 F5 4(16 Argon)4(18 Argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	40K/40K/40K	4/16/4/18/9	39(-1;-6)	NPD	0,5	72	0,14/0,14	42	0,30/0,24	0,53	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(18 Argon)6(16 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C3	200K/40K/200K	6/18/6/16/4	NPD	NPD	0,5	72	0,14/0,14	45	0,28/0,30	0,52	PASS
CB CLIMATOP PROTECT XN F2 F5 4(16 Argon)3(16 Argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	40K/40K/40K	4/16/3/16/9	NPD	NPD	0,6	73	0,14/0,14	42	0,30/0,24	0,53	PASS
CB CLIMATOP XN F2 F5 5(12 Argon)6(12 Argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/12/6/12/5	NDP	NPD	0,7	73	0,14/0,14	44	0,29/0,29	0,52	PASS
CB CLIMATOP XN F2 F5 4(18 Argon)4(18 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/18/4/18/4	32(-1;-5)	NPD	0,5	77	0,14/0,14	53	0,26/0,26	0,60	PASS
CB CLIMATOP SAFE XN F2 F5 6(18 Argon)33.1(18 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2/NPD	40K/40K/40K	6/18/6/18/6	NPD	NPD	0,5	72	0,14/0,14	41	0,27/0,27	0,51	PASS
CB CLIMATOP SAFE XN F2 F5 4(18 Argon)33.1(16 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2/NPD	40K/40K/40K	4/18/6/16/4	NPD	NPD	0,5	73	0,14/0,14	43	0,29/0,27	0,52	PASS
CB CLIMATOP PROTECT SECURIT XN II F2 F5 44.2(16 Argon)4(16 Argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/1C3/1C3	40K/200K/200K	9/16/4/16/4	39(-2;-6)	NPD	0,6	72	0,14/0,14	42	0,24/0,30	0,48	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(16 Argon)4(14 Argong)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C3/1C2	200K/40K/200K	6/16/4/14/6	37(-3;-7)	NPD	0,6	72	0,14/0,14	45	0,29/0,29	0,52	PASS
CB CLIMATOP SECURIT XN II F2 F5 4(16 Argon)4(16 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/100K/200K	4/16/4/16/4	32(-1;-5)	NPD	0,6	73	0,14/0,14	46	0,30/0,30	0,53	PASS
CB CLIMATOP XN F2 F5 6(14 Argon)6(12 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/14/6/12/6	34(-2;-6)	NPD	0,7	72	0,14/0,14	43	0,28/0,28	0,52	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(14 Argon)6(12 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/40K/200K	6/14/6/12/6	34(-2;-6)	NPD	0,7	71	0,14/0,14	44	0,28/0,28	0,52	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(14 Argon)4(14 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/40K/200K	6/14/4/14/6	37(-3;-7)	NPD	0,6	72	0,14/0,14	45	0,29/0,29	0,52	PASS
CB CLIMATOP PROTECT SILENCE XN F2 F5 44.2(12 Argon)3(12 Argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/NPD	40K/40K/40K	9/12/3/12/4	NPD	NPD	0,7	73	0,14/0,14	42	0,24/0,30	0,49	PASS
CB CLIMATOP PROTECT SECURIT XN II F2 F5 44.2(14 Argon)4(14 Argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C3	40K/100K/200K	9/14/4/14/4	38(-2;-6)	NPD	0,6	72	0,14/0,14	42	0,24/0,30	0,48	PASS
CB CLIMATOP PROTECT SECURIT XN II F2 F5 44.2(16 Argon)4(14 Argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C2	40K/100K/200K	9/16/4/14/6	41(-2-6)	NPD	0,6	72	0,14/0,14	41	0,24/0,38	0,48	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(18 Argon)6(16 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/100K/200K	6/18/6/16/6	36 (-2;-6)	NPD	0,5	71	0,14/0,14	44	0,28/0,28	0,52	PASS
CB CLIMATOP XN F2 F5 5(16 Argon)4(16 Argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/16/4/16/5	NPD	NPD	0,6	73	0,14/0,14	45	0,29/0,29	0,53	PASS
CB CLIMATOP XN F2 F5 4(18 Argon)3(18 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/18/3/18/4	NPD	NPD	0,5	74	0,14/0,14	46	0,30/0,30	0,53	PASS
CB CLIMATOP SAFE SECURIT XN II F2 F5 33.1(18 Argon)6(18 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/1C2	40K/40K/200K	6/18/6/18/6	37(-2;-6)	NPD	0,5	72	0,14/0,14	42	0,26/0,28	0,49	PASS
CB CLIMATOP SAFE SECURIT XN II F2 F5 33.1(16 Argon)5(16 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/1C2	40K/40K/200K	6/16/5/16/6	NPD	NPD	0,6	72	0,14/0,14	42	0,26/0,28	0,49	PASS
CB CLIMATOP PROTECT SECURIT XN II F2 F5 44.2(16 Argon)3(14 Argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C2	40K/40K/200K	9/16/3/14/6	NPD	NPD	0,6	72	0,14/0,14	42	0,24/0,29	0,48	PASS
CB CLIMATOP SECURIT PROTECT XN II F2 F5 4(18 Argon)4(16 Argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	1C3/NPD/1B1	200K/40K/40K	4/18/4/16/9	NPD	NPD	0,5	72	0,14/0,14	42	0,30/0,24	0,53	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(12 Argon)4(14 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/40K/200K	6/12/4/14/6	NPD	NPD	0,7	72	0,14/0,14	45	0,29/0,29	0,52	PASS
CB CLIMATOP SECURIT PROTECT SILENCE XN II F2 F5 4(16 Argon)4(16 Argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	1C3/NPD/1B1	200K/40K/40K	4/16/4/16/9	41(-2;-7)	NPD	0,6	72	0,14/0,14	42	0,30/0,24	0,53	PASS
CB CLIMATOP PROTECT SECURIT XN II F2 F5 44.2(18 Argon)6(18 Argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C2	40K/40K/200K	9/18/6/18/6	41(-2;-6)	NPD	0,5	71	0,14/0,14	40	0,24/0,28	0,48	PASS
CB CLIMATOP PROTECT SILENCE SECURIT XN II F2 F5 44.2(16 Argon)4(14 Argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C2	40K/40K/200K	9/16/4/14/6	NPD	NPD	0,6	72	0,14/0,14	41	0,24/0,28	0,48	PASS
CB CLIMATOP SAFE XN F2 F5 5(16 Argon)5(16 Argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	5/16/5/16/6	NPD	NPD	0,6	73	0,14/0,14	42	0,29/0,26	0,52	PASS
CB CLIMATOP PROTECT SECURIT XN II F2 F5 44.2(14 Argon)4(16 Argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C2	40K/100K/200K	9/14/4/16/6	41(-2;-6)	NPD	0,6	72	0,14/0,14	41	0,24/0,28	0,48	PASS
CB CLIMATOP PROTECT SECURIT ECLAZ II F2 F5 44.2(18 Argon)6(16 Argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/1C2/1C2	40K/200K/200K	9/18/6/16/6	NPD	NPD	0,5	75	0,14/0,14	46	0,20/0,24	0,55	PASS
CB CLIMATOP SAFE XN F2 F5 33.1(18 Argon)3(16 Argon)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/NPD	40K/40K/40K	6/18/3/16/5	NPD	NPD	0,5	73	0,14/0,14	43	0,26/0,29	0,50	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(18 Argon)6(18 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C2	100K/100K/200K	6/18/6/18/6	27(-3;-7)	NPD	0,5	71	0,14/0,14	44	0,28/0,28	0,52	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(16 Argon)6(14 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C2	100K/100K/200K	6/16/6/14/6	35(-2;-6)	NPD	0,6	71	0,14/0,14	44	0,28/0,28	0,52	PASS
CB CLIMATOP SECURIT XN II F2 F5 4(16 Argon)6(14 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/16/6/14/4	NPD	NPD	0,6	72	0,14/0,14	45	0,30/0,30	0,53	PASS
CB CLIMATOP PROTECT SECURIT XN II F2 F5 44.2(14 Argon)6(12 Argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C3	40K/40K/200K	9/16/3/14/4	NPD	NPD	0,7	72	0,14/0,14	41	0,24/0,30	0,48	PASS
CB CLIMATOP SECURIT PROTECT XN II F2 F5 6(14 Argon)6(14 Argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/2B2	200K/200K/40K	6/14/6/14/9	39(-1;-6)	NPD	0,6	71	0,14/0,14	41	0,28/0,24	0,52	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(14 Argon)3(14 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/40K/200K	6/14/3/14/6	NPD	NPD	0,6	72	0,14/0,14	45	0,29/0,29	0,52	PASS
CB CLIMATOP PROTECT SECURIT XN II F2 F5 44.2(12 Argon)4(12 Argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C3	40K/40K/200K	9/12/4/12/4	37(-2;-6)	NPD	0,7	72	0,14/0,14	42	0,24/0,30	0,48	PASS
CB CLIMATOP PROTECT SECURIT XN II F2 F5 44.2(16 Argon)4(14 Argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C3	40K/40K/200K	9/16/4/14/4	NPD	NPD	0,6	72	0,14/0,14	42	0,24/0,30	0,48	PASS
CB CLIMATOP PROTECT SECURIT XN II F2 F5 44.2(16 Argon)3(16 Argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C3	40K/40K/200K	9/16/3/16/4	NPD	NPD	0,6	72	0,14/0,14	42	0,24/0,30	0,48	PASS
CB CLIMATOP SECURIT XN II F2 F5 4(18 Argon)3(18 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/18/3/18/4	NPD	NPD	0,5	73	0,14/0,14	47	0,31/0,31	0,53	PASS
CB CLIMATOP SECURIT XN II F2 F5 8(16 Argon)6(16 Argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/100K/200K	8/16/6/16/8	38(-1;-4)	NPD	0,6	70	0,14/0,14	42	0,27/0,27	0,51	PASS
CB CLIMATOP PROTECT XN F2 F5 44.2(12 Argon)4(14 Argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/NPD	40K/40K/40K	9/12/4/14/4	NPD	NPD	0,7	72	0,14/0,14	42	0,24/0,30	0,48	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(16 Argon)5(14 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C2	40K/40K/200K	6/16/5/14/6	NPD	NPD	0,6	72	0,14/0,14	44	0,28/0,28	0,52	PASS
CB CLIMATOP SECURIT PROTECT XN II F2 F5 4(18 Argon)4(18 Argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P4A	1C3/1C3/1B1	200K/200K/40K	4/18/4/18/10	40(-2;-6)	NPD	0,5	72	0,14/0,14	41	0,30/0,23	0,53	PASS
CB CLIMATOP SECURIT XN II F2 F5 8(16 Argon)4(16 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C3	200K/40K/200K	8/16/4/16/4	39(-3;-7)	NPD	0,6	72	0,14/0,14	45	0,27/0,30	0,51	PASS
CB CLIMATOP SAFE XN F2 F5 5(16 Argon)6(14 Argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	5/16/6/14/6	NPD	NPD	0,6	72	0,14/0,14	42	0,29/0,26	0,52	PASS
CB CLIMATOP SECURIT XN II F2 F5 4(20 Argon)6(18 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/20/6/18/4	NPD	NPD	0,5	72	0,14/0,14	45	0,30/0,30	0,53	PASS
CB CLIMATOP SAFE XN F2 F5 33.1(14 Argon)4(14 Argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/2B2	40K/40K/40K	6/14/4/14/6	37(-3;-7)	NPD	0,6	72	0,14/0,14	42	0,26/0,26	0,50	PASS
CB CLIMATOP SAFE SECURIT XN II F2 F5 33.1(20 Argon)6(18 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/1C3	40K/40K/200K	6/20/6/18/4	NPD	NPD	0,5	72	0,14/0,14	42	0,26/0,30	0,49	PASS
CB CLIMATOP SECURIT PROTECT XN II F2 F5 4(16 Argon)3(16 Argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/2B2	200K/40K/40K	4/16/3/16/9	NPD	NPD	0,6	72	0,14/0,14	43	0,30/0,25	0,53	PASS
CB CLIMATOP XN F2 F5 4(18 Argon)4(16 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/18/4/16/6	37(-2;-6)	NPD	0,5	73	0,14/0,14	45	0,30/0,28	0,53	PASS
CB CLIMATOP XN F2 F5 8(16 Argon)4(16 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/16/4/16/4	39(-3;-7)	NPD	0,9	74	0,17/0,18	50	0,26/0,29	0,54	PASS
CB CLIMATOP PROTECT SECURIT XN II F2 F5 55.2(16 Argon)6(16 Argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C2	40K/40K/200K	11/16/6/16/6	43(-2;-5)	NPD	0,8	72	0,17/0,17	45	0,21/0,27	0,52	PASS
CB CLIMATOP SECURIT XN II F2 F5 4(18 Argon)4(18 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/NPD	200K/40K/40K	4/18/4/18/4	32(-1;-5)	NPD	0,5	73	0,14/0,15	46	0,30/0,30	0,53	PASS
CB CLIMATOP SECURIT XN II F2 F5 4(18 Argon)3(18 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/NPD	200K/40K/40K	4/18/3/18/4	NPD	NPD	0,5	73	0,14/0,15	46	0,30/0,30	0,54	PASS
CB CLIMATOP SECURIT XN II F2 F5 4(18 Argon)4(16 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C2	200K/40K/200K	4/18/4/16/6	37 (-2;-6)	NPD	0,5	72	0,14/0,14	45	0,30/0,29	0,53	PASS
CB CLMATOP SECURIT XN II F2 F5 4(24 Argon)4(24 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3/1C3	200K/200K/200K	4/24/4/24/4	35(-2;-7)	NPD	0,5	73	0,14/0,14	46	0,30/0,30	0,53	PASS
CB CLMATOP SAFE SECURIT XN II F2 F5 33.1(18 Argon)3(16 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/1C3	40K/40K/200K	6/18/3/16/4	NPD	NPD	0,5	73	0,14/0,14	43	0,26/0,30	0,49	PASS
CB CLIMATOP PROTECT SECURIT XN II F2 F5 44.2(12 Argon)4(14 Argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C3	40K/40K/200K	9/12/4/14/4	NPD	NPD	0,7	72	0,14/0,14	42	0,24/0,30	0,48	PASS
CB CLIMATOP SECURIT XN II F2 F5 5(18 Argon)3(18 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C3	40K/40K/200K	5/18/3/18/4	NPD	NPD	0,5	73	0,15/0,14	46	0,30/0,30	0,53	PASS
CB CLIMATOP PROTECT XN F2 F5 6(18 Argon)6(16 Argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	40K/40K/40K	6/18/6/16/9	41 (-2;-7)	NPD	0,8	75	0,15/0,14	46	0,26/0,22	0,59	PASS
CB CLIMATOP PROTECT XN F2 F5 6(20 Argon)6(18 Argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	40K/40K/40K	6/20/6/18/9	NPD	NPD	0,5	72	0,14/0,14	40	0,28/0,23	0,52	PASS
CB CLIMATOP SECURIT PROTECT SECURIT XN II F2 F5 4(16 Argon)44.2(16 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD/P2A/NPD	NPD/1B1/1C3	40K/40K/200K	4/16/9/16/4	34(-3;-8)	NPD	0,6	72	0,14/0,14	42	0,29/0,29	0,51	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(14 Argon)4(16 Arogn)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C3	200K/100K/200K	6/14/4/16/4	37(-2;-7)	NPD	0,6	72	0,14/0,14	45	0,29/0,30	0,52	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(18 Argon)4(16 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C3	200K/100K/200K	6/18/4/16/4	37(-1;-6)	NPD	0,5	72	0,14/0,14	45	0,29/0,30	0,52	PASS
CB CLIMATOP SAFE XN F2 F5 4(18 Argon)3(16 Argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B2	40K/40K/40K	4/18/3/16/6	NPD	NPD	0,5	73	0,14/0,14	43	0,30/0,26	0,53	PASS
CB CLIMATOP SECURIT XN II F2 F5 4(16 Argon)4(16 Argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C2	200K/40K/200K	4/16/4/16/8	39 (-3;-7)	NPD	0,6	72	0,14/0,14	45	0,30/0,27	0,53	PASS
CB CLIMATOP SECURIT XN II F2 F5 4(16 Argon)4(18 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C2	200K/40K/200K	4/16/4/18/4	33(-2;-6)	NPD	0,5	73	0,14/0,14	46	0,30/0,30	0,53	PASS
CB CLIMATOP PROTECT SERCURIT XN II F2 F5 44.2(14 Argon)5(14 Argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C2	40K/100K/200K	9/14/5/14/6	41(-2;-7)	NPD	0,6	71	0,14/0,14	41	0,24/0,28	0,48	PASS
CB CLIMATOP SECURIT XN II F2 F5 5(18 Argon)4(16 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C3	40K/40K/200K	5/18/4/16/4	NPD	NPD	0,5	73	0,14/0,14	46	0,29/0,30	0,52	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(18 Argon)4(16 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/NPD	200K/40K/40K	6/18/4/16/4	37(-1;-6)	NPD	0,5	73	0,14/0,15	45	0,29/0,30	0,53	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(16 Argon)6(16 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/NPD	200K/100K/200K	6/16/6/16/6	36(-3;-7)	NPD	0,6	72	0,14/0,14	44	0,28/0,28	0,52	PASS
CB CLIMATOP XN F2 F5 8(16 Argon)5(16 Argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/16/5/16/5	NPD	NPD	0,6	72	0,14/0,14	43	0,27/0,29	0,51	PASS

CE	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun	C.Bergmann
EN 1279-5:2006+A2:2010	Isolierglas zur Verwendung in Gebäuden und Bauwerken		

Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Licht-Transmission	Licht-Reflektion	Energie-Transmission	Energie-Reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
CB CLIMATOP SECURIT XN II F2 F5 4(16 Argon)4(16 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3/1C3	200K/200K/200K	4/16/4/16/4	32(-1;-5)	NPD	0,6	73	0,14/0,14	46	0,30/0,30	0,53	PASS
CB CLIMATOP SECURIT XN II F2 F5 4(14 Argon)3(14 Argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C2	200K/40K/200K	4/14/3/14/8	38(-3;-8)	NPD	0,6	72	0,14/0,14	45	0,31/0,27	0,53	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(14 Argon)5(14 Argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C2	200K/40K/200K	6/14/5/14/8	NPD	NPD	0,6	71	0,14/0,14	44	0,29/0,27	0,52	PASS
CB CLIMATOP SECURIT XN II F2 F5 4(18 Argon)6(16 Argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/18/6/16/4	NPD	NPD	0,5	72	0,14/0,14	45	0,30/0,30	0,53	PASS
CB CLIMATOP PROTECT SILENCE SECURIT XN II F2 F5 44.2(14 Argon)4(14 Argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C3	40K/40K/200K	9/14/4/14/4	40(-2;-6)	NPD	0,6	72	0,14/0,14	42	0,24/0,30	0,48	PASS
CB CLIMATOP SECURIT PROTECT XN II F2 F5 6(18 Argon)6(16 Argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	1C2/1C2/1B1	200K/200K/40K	6/18/6/16/9	41(-2,-7)	NPD	0,5	71	0,14/0,14	40	0,28/0,24	0,52	PASS
CB CLIMATOP PROTECT XN F2 F5 44.2(14 Argon)3(14 Argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/NPD/P2A	1B1/NPD/1B1	40K/40K/40K	9/14/3/14/9	NPD	NPD	0,6	72	0,14/0,14	40	0,24/0,24	0,48	PASS
CB CLIMATOP PROTECT SECURIT XN II F2 F5 44.2(16 Argon)6(14 Argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/NPD/P2A	1B1/1C2/1B1	40K/200K/40K	9/16/6/14/9	41(-2;-6)	NPD	0,6	71	0,14/0,14	39	0,23/0,23	0,48	PASS
CB CLIMAPLUS SAFE XN F2 33.1(24 Argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/24/6	37(-2;7)	NPD	1,2	80	0,12/0,11	52	0,22/0,23	0,56	PASS
CB CLIMATOP SECURIT XN II F2 F5 6(18 Argon)6(18 Argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2	200K/200K/200K	6/18/6/18/6	37(-3;-7)	NPD	0,5	71	0,14/0,14	44	0,28/0,28	0,52	PASS
CB CLIMATOP PROTECT SILENCE SECURIT XN II F2 F5 44.2(18 Argon)4(18 Argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	1B1/NPD/1C2	40K/40K/200K	9/18/4/18/6	44(-2;-7)	NPD	0,5	72	0,14/0,14	41	0,24/0,28	0,48	PASS

Die Leistung des Produkts entspricht der oben deklarierten Leistung.
Diese Leistungserklärung wurde in der alleinigen Verantwortung des Herstellers erstellt
Unterschrieben für und auf Anweisung des Herstellers von:

Ing. Mag. Werner Krügl
Prokurist
Spartenleiter Glas

Traun, am 27.05.2015

ppa. Ing. Mag. Werner Krügl