

**DECLARATION OF PERFORMANCE (CPR 305/2011)**

**DoP-14449-0-2024-07**

- 1. Product-type:** Multisafe® - Multiphon® - Multisafe® Extrastrong - Multisafe® xx.x SSN 1.1 - Multisafe® xx.x SSN 1.0 NG - Multiphon® xx.x SSN 1.1 - Multiphon® xx.x SSN 1.0 NG
- 2. Intended use:** Laminated glass and laminated safety glass in buildings and construction works
- 3. Manufacturer:** Scheuten Base Glass BV  
Magelhaesweg 10  
NL-5928 LN Venlo
- 4. Authorized representative:** -
- 5. System of AVCP:** System 3
- 6. Harmonized standard:** EN 14449:2005+AC:2005  
**Notified Bodies:** NB-Nr.: 0063, 0074, 0336, 0432, 0757, 1166, 1174, 1231, 1234, 1322, 1343, 1488, 1694, 1717, 1750, 1812, 2264, 2509
- 7. Declared performances:**

*NPD: No Performance Determined*

Multisafe®									
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	33.1	33.2	33.4	44.1	44.2	44.4	44.6
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	C-s1, d2	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	NPD	P1A	P4A	NPD	P2A	P4A	P5A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	1(B)1	2(B)2	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C;C <sub>tr</sub> ) [dB]	3	32 (-1;-3)	32 (-1;-3)	32 (-1;-3)	33 (-1;-3)	33 (-1;-3)	33 (-1;-3)	33 (-1;-3)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	5,6	5,6	5,5	5,6	5,5	5,4	5,3
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,89	0,89	0,89	0,89	0,89	0,89	0,89
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$T_v = 90$ $\rho_v = 8$ $\rho'_v = 8$	$T_v = 90$ $\rho_v = 8$ $\rho'_v = 8$	$T_v = 90$ $\rho_v = 8$ $\rho'_v = 8$	$T_v = 89$ $\rho_v = 8$ $\rho'_v = 8$	$T_v = 89$ $\rho_v = 8$ $\rho'_v = 8$	$T_v = 89$ $\rho_v = 8$ $\rho'_v = 8$	$T_v = 89$ $\rho_v = 8$ $\rho'_v = 8$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 83$ $T_e = 80$ $\rho_e = 7$ $\rho'_e = 7$	$g = 82$ $T_e = 78$ $\rho_e = 7$ $\rho'_e = 7$	$g = 80$ $T_e = 76$ $\rho_e = 7$ $\rho'_e = 7$	$g = 82$ $T_e = 79$ $\rho_e = 7$ $\rho'_e = 7$	$g = 81$ $T_e = 77$ $\rho_e = 7$ $\rho'_e = 7$	$g = 78$ $T_e = 74$ $\rho_e = 7$ $\rho'_e = 7$	$g = 77$ $T_e = 72$ $\rho_e = 7$ $\rho'_e = 7$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multisafe®									
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	55.1	55.2	55.4	55.6	55.8	66.1	66.2
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	NPD	P2A	P4A	P5A	P6B	NPD	P2A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	1(B)1	1(B)1	1(B)1	2(B)2	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C;C <sub>tr</sub> ) [dB]	3	34 (-1;-3)	34 (-1;-3)	34 (-1;-3)	34 (-1;-3)	34 (-1;-3)	36 (-1;-2)	36 (-1;-2)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	5,5	5,4	5,3	5,2	5,1	5,4	5,4
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,89	0,89	0,89	0,89	0,89	0,89	0,89
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 89$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 89$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 88$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 88$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 88$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 88$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 88$ $\rho_v = 8$ $\rho'_v = 8$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 81$ $\tau_e = 77$ $\rho_e = 7$ $\rho'_e = 7$	$g = 79$ $\tau_e = 75$ $\rho_e = 7$ $\rho'_e = 7$	$g = 78$ $\tau_e = 73$ $\rho_e = 7$ $\rho'_e = 7$	$g = 76$ $\tau_e = 71$ $\rho_e = 7$ $\rho'_e = 7$	$g = 75$ $\tau_e = 69$ $\rho_e = 7$ $\rho'_e = 7$	$g = 80$ $\tau_e = 76$ $\rho_e = 7$ $\rho'_e = 7$	$g = 78$ $\tau_e = 74$ $\rho_e = 7$ $\rho'_e = 7$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multisafe®									
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	66.4	66.6	66.8	88.1	88.2	88.4	1010.2
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	P4A	P5A	P6B	NPD	P2A	P4A	P2A
4.3.2.7	Pendulum Body impact resistance	3	1(B)1	1(B)1	1(B)1	2(B)2	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C;C <sub>tr</sub> ) [dB]	3	36 (-1;-2)	36 (-1;-2)	36 (-1;-2)	NPD	NPD	NPD	NPD
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	5,3	5,2	5,1	5,3	5,3	5,2	5,2
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,89	0,89	0,89	0,89	0,89	0,89	0,89
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 88$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 88$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 87$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 87$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 87$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 87$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 86$ $\rho_v = 8$ $\rho'_v = 8$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 77$ $\tau_e = 72$ $\rho_e = 7$ $\rho'_e = 7$	$g = 75$ $\tau_e = 70$ $\rho_e = 7$ $\rho'_e = 7$	$g = 74$ $\tau_e = 68$ $\rho_e = 7$ $\rho'_e = 7$	$g = 77$ $\tau_e = 73$ $\rho_e = 7$ $\rho'_e = 7$	$g = 76$ $\tau_e = 71$ $\rho_e = 7$ $\rho'_e = 7$	$g = 75$ $\tau_e = 69$ $\rho_e = 7$ $\rho'_e = 7$	$g = 74$ $\tau_e = 68$ $\rho_e = 7$ $\rho'_e = 7$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multisafe® SSW (Scheuten Super White)									
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	33.1 SSW	33.2 SSW	33.4 SSW	44.1 SSW	44.2 SSW	44.4 SSW	44.6 SSW
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	C-s1, d2	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	NPD	P1A	P4A	NPD	P2A	P4A	P5A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	1(B)1	2(B)2	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C;C <sub>tr</sub> ) [dB]	3	32 (-1;-3)	32 (-1;-3)	32 (-1;-3)	33 (-1;-3)	33 (-1;-3)	33 (-1;-3)	33 (-1;-3)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	5,6	5,6	5,5	5,6	5,5	5,4	5,3
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,89	0,89	0,89	0,89	0,89	0,89	0,89
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$T_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$T_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$T_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$T_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$T_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$T_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$T_v = 91$ $\rho_v = 8$ $\rho'_v = 8$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 86$ $T_e = 84$ $\rho_e = 8$ $\rho'_e = 8$	$g = 85$ $T_e = 82$ $\rho_e = 8$ $\rho'_e = 8$	$g = 83$ $T_e = 79$ $\rho_e = 7$ $\rho'_e = 7$	$g = 86$ $T_e = 84$ $\rho_e = 8$ $\rho'_e = 8$	$g = 84$ $T_e = 82$ $\rho_e = 8$ $\rho'_e = 8$	$g = 82$ $T_e = 79$ $\rho_e = 7$ $\rho'_e = 7$	$g = 81$ $T_e = 77$ $\rho_e = 7$ $\rho'_e = 7$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multisafe® SSW (Scheuten Super White)									
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	55.1 SSW	55.2 SSW	55.4 SSW	55.6 SSW	55.8 SSW	66.1 SSW	66.2 SSW
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	NPD	P2A	P4A	P5A	P6B	NPD	P2A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	1(B)1	1(B)1	1(B)1	2(B)2	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C;C <sub>tr</sub> ) [dB]	3	34 (-1;-3)	34 (-1;-3)	34 (-1;-3)	34 (-1;-3)	34 (-1;-3)	36 (-1;-2)	36 (-1;-2)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	5,5	5,4	5,3	5,2	5,1	5,4	5,4
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,89	0,89	0,89	0,89	0,89	0,89	0,89
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 90$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 90$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 91$ $\rho_v = 8$ $\rho'_v = 8$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 85$ $\tau_e = 83$ $\rho_e = 8$ $\rho'_e = 8$	$g = 84$ $\tau_e = 81$ $\rho_e = 8$ $\rho'_e = 8$	$g = 82$ $\tau_e = 79$ $\rho_e = 7$ $\rho'_e = 7$	$g = 80$ $\tau_e = 77$ $\rho_e = 7$ $\rho'_e = 7$	$g = 79$ $\tau_e = 75$ $\rho_e = 7$ $\rho'_e = 7$	$g = 85$ $\tau_e = 83$ $\rho_e = 8$ $\rho'_e = 8$	$g = 84$ $\tau_e = 81$ $\rho_e = 8$ $\rho'_e = 8$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multisafe® SSW (Scheuten Super White)									
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	66.4 SSW	66.6 SSW	66.8 SSW	88.1 SSW	88.2 SSW	88.4 SSW	1010.2 SSW
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	P4A	P5A	P6B	NPD	P2A	P4A	P2A
4.3.2.7	Pendulum Body impact resistance	3	1(B)1	1(B)1	1(B)1	2(B)2	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C; $C_{tr}$ ) [dB]	3	36 (-1;-2)	36 (-1;-2)	36 (-1;-2)	NPD	NPD	NPD	NPD
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	5,3	5,2	5,1	5,3	5,3	5,2	5,2
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,89	0,89	0,89	0,89	0,89	0,89	0,89
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 90$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 90$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 90$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 91$ $\rho_v = 8$ $\rho'_v = 8$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 82$ $\tau_e = 78$ $\rho_e = 7$ $\rho'_e = 7$	$g = 80$ $\tau_e = 76$ $\rho_e = 7$ $\rho'_e = 7$	$g = 79$ $\tau_e = 74$ $\rho_e = 7$ $\rho'_e = 7$	$g = 84$ $\tau_e = 82$ $\rho_e = 8$ $\rho'_e = 8$	$g = 83$ $\tau_e = 80$ $\rho_e = 7$ $\rho'_e = 7$	$g = 81$ $\tau_e = 77$ $\rho_e = 7$ $\rho'_e = 7$	$g = 82$ $\tau_e = 79$ $\rho_e = 7$ $\rho'_e = 7$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multisafe® M (translucent white)									
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	33.1 M	33.2 M	44.1 M	44.2 M	44.4 M	55.1 M	55.2 M
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	NPD	P1A	NPD	P2A	P4A	NPD	P2A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	2(B)2	1(B)1	1(B)1	2(B)2	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C; $C_{tr}$ ) [dB]	3	32 (-1;-3)	32 (-1;-3)	33 (-1;-3)	33 (-1;-3)	33 (-1;-3)	34 (-1;-3)	34 (-1;-3)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	5,6	5,6	5,6	5,5	5,4	5,5	5,4
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,89	0,89	0,89	0,89	0,89	0,89	0,89
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = \text{NPD}$ $\rho_v = \text{NPD}$ $\rho'_v = \text{NPD}$	$\tau_v = \text{NPD}$ $\rho_v = \text{NPD}$ $\rho'_v = \text{NPD}$	$\tau_v = \text{NPD}$ $\rho_v = \text{NPD}$ $\rho'_v = \text{NPD}$	$\tau_v = \text{NPD}$ $\rho_v = \text{NPD}$ $\rho'_v = \text{NPD}$	$\tau_v = \text{NPD}$ $\rho_v = \text{NPD}$ $\rho'_v = \text{NPD}$	$\tau_v = \text{NPD}$ $\rho_v = \text{NPD}$ $\rho'_v = \text{NPD}$	$\tau_v = \text{NPD}$ $\rho_v = \text{NPD}$ $\rho'_v = \text{NPD}$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = \text{NPD}$ $T_e = \text{NPD}$ $\rho_e = \text{NPD}$ $\rho'_e = \text{NPD}$	$g = \text{NPD}$ $T_e = \text{NPD}$ $\rho_e = \text{NPD}$ $\rho'_e = \text{NPD}$	$g = \text{NPD}$ $T_e = \text{NPD}$ $\rho_e = \text{NPD}$ $\rho'_e = \text{NPD}$	$g = \text{NPD}$ $T_e = \text{NPD}$ $\rho_e = \text{NPD}$ $\rho'_e = \text{NPD}$	$g = \text{NPD}$ $T_e = \text{NPD}$ $\rho_e = \text{NPD}$ $\rho'_e = \text{NPD}$	$g = \text{NPD}$ $T_e = \text{NPD}$ $\rho_e = \text{NPD}$ $\rho'_e = \text{NPD}$	$g = \text{NPD}$ $T_e = \text{NPD}$ $\rho_e = \text{NPD}$ $\rho'_e = \text{NPD}$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined



Multisafe® M (translucent white)									
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	55.4 M	66.1 M	66.2 M	66.4 M	88.1 M	88.2 M	1010.2 M
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	P4A	NPD	P2A	P4A	NPD	P2A	P2A
4.3.2.7	Pendulum Body impact resistance	3	1(B)1	2(B)2	1(B)1	1(B)1	2(B)2	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ ( $C;C_{tr}$ ) [dB]	3	34 (-1;-3)	36 (-1;-2)	36 (-1;-2)	36 (-1;-2)	NPD	NPD	NPD
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	5,3	5,4	5,4	5,3	5,3	5,3	5,2
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,89	0,89	0,89	0,89	0,89	0,89	0,89
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multisafe® M SSW (translucent white) (Scheuten Super White)									
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	33.1 M SSW	33.2 M SSW	44.1 M SSW	44.2 M SSW	44.4 M SSW	55.1 M SSW	55.2 M SSW
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	NPD	P1A	NPD	P2A	P4A	NPD	P2A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	2(B)2	1(B)1	1(B)1	2(B)2	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C;C <sub>tr</sub> ) [dB]	3	32 (-1;-3)	32 (-1;-3)	33 (-1;-3)	33 (-1;-3)	33 (-1;-3)	34 (-1;-3)	34 (-1;-3)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	5,6	5,6	5,6	5,5	5,4	5,5	5,4
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,89	0,89	0,89	0,89	0,89	0,89	0,89
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = \text{NPD}$ $\rho_v = \text{NPD}$ $\rho'_v = \text{NPD}$	$\tau_v = \text{NPD}$ $\rho_v = \text{NPD}$ $\rho'_v = \text{NPD}$	$\tau_v = \text{NPD}$ $\rho_v = \text{NPD}$ $\rho'_v = \text{NPD}$	$\tau_v = \text{NPD}$ $\rho_v = \text{NPD}$ $\rho'_v = \text{NPD}$	$\tau_v = \text{NPD}$ $\rho_v = \text{NPD}$ $\rho'_v = \text{NPD}$	$\tau_v = \text{NPD}$ $\rho_v = \text{NPD}$ $\rho'_v = \text{NPD}$	$\tau_v = \text{NPD}$ $\rho_v = \text{NPD}$ $\rho'_v = \text{NPD}$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = \text{NPD}$ $T_e = \text{NPD}$ $\rho_e = \text{NPD}$ $\rho'_e = \text{NPD}$	$g = \text{NPD}$ $T_e = \text{NPD}$ $\rho_e = \text{NPD}$ $\rho'_e = \text{NPD}$	$g = \text{NPD}$ $T_e = \text{NPD}$ $\rho_e = \text{NPD}$ $\rho'_e = \text{NPD}$	$g = \text{NPD}$ $T_e = \text{NPD}$ $\rho_e = \text{NPD}$ $\rho'_e = \text{NPD}$	$g = \text{NPD}$ $T_e = \text{NPD}$ $\rho_e = \text{NPD}$ $\rho'_e = \text{NPD}$	$g = \text{NPD}$ $T_e = \text{NPD}$ $\rho_e = \text{NPD}$ $\rho'_e = \text{NPD}$	$g = \text{NPD}$ $T_e = \text{NPD}$ $\rho_e = \text{NPD}$ $\rho'_e = \text{NPD}$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multisafe® M SSW (translucent white) (Scheuten Super White)									
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	55.4 M SSW	66.1 M SSW	66.2 M SSW	66.4 M SSW	88.1 M SSW	88.2 M SSW	1010.2 M SSW
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	P4A	NPD	P2A	P4A	NPD	P2A	P2A
4.3.2.7	Pendulum Body impact resistance	3	1(B)1	2(B)2	1(B)1	1(B)1	2(B)2	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ ( $C;C_{tr}$ ) [dB]	3	34 (-1;-3)	36 (-1;-2)	36 (-1;-2)	36 (-1;-2)	NPD	NPD	NPD
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	5,3	5,4	5,4	5,3	5,3	5,3	5,2
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,89	0,89	0,89	0,89	0,89	0,89	0,89
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multiphon®								
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	33.1 SI	33.2 SI	44.1 SI	44.2 SI	44.4 SI	55.1 SI
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	P1A	P1A	P1A	P2A	NPD	P1A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C;C <sub>tr</sub> ) [dB]	3	35 (-1;-4)	36 (-0;-3)	37 (-0;-2)	37 (-0;-2)	37 (-0;-2)	39 (-1;-3)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	5,6	5,6	5,5	5,5	5,4	5,5
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,89	0,89	0,89	0,89	0,89	0,89
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 90$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 90$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 89$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 89$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 89$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 89$ $\rho_v = 8$ $\rho'_v = 8$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 83$ $\tau_e = 80$ $\rho_e = 7$ $\rho'_e = 7$	$g = 82$ $\tau_e = 78$ $\rho_e = 7$ $\rho'_e = 7$	$g = 81$ $\tau_e = 78$ $\rho_e = 7$ $\rho'_e = 7$	$g = 81$ $\tau_e = 77$ $\rho_e = 7$ $\rho'_e = 7$	$g = 79$ $\tau_e = 74$ $\rho_e = 7$ $\rho'_e = 7$	$g = 80$ $\tau_e = 76$ $\rho_e = 7$ $\rho'_e = 7$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multiphon®								
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	55.2 SI	55.4 SI	66.1 SI	66.2 SI	66.4 SI	88.1 SI
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	P2A	NPD	P1A	P2A	NPD	P1A
4.3.2.7	Pendulum Body impact resistance	3	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C; $C_{tr}$ ) [dB]	3	39 (-1;-3)	39 (-1;-3)	40 (-1;-3)	40 (-1;-3)	40 (-1;-3)	41 (-1;-3)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	5,4	5,3	5,4	5,4	5,4	5,3
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,89	0,89	0,89	0,89	0,89	0,89
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 89$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 88$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 88$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 88$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 88$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 87$ $\rho_v = 8$ $\rho'_v = 8$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 79$ $\tau_e = 75$ $\rho_e = 7$ $\rho'_e = 7$	$g = 78$ $\tau_e = 73$ $\rho_e = 7$ $\rho'_e = 7$	$g = 79$ $\tau_e = 75$ $\rho_e = 7$ $\rho'_e = 7$	$g = 78$ $\tau_e = 74$ $\rho_e = 7$ $\rho'_e = 7$	$g = 77$ $\tau_e = 72$ $\rho_e = 7$ $\rho'_e = 7$	$g = 77$ $\tau_e = 72$ $\rho_e = 7$ $\rho'_e = 7$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multiphon®						
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	88.2 SI	88.4 SI	1010.1 SI	1010.2 SI
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	P2A	NPD	P2A	P2A
4.3.2.7	Pendulum Body impact resistance	3	1(B)1	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C;C <sub>tr</sub> ) [dB]	3	41 (-1;-3)	41 (-1;-3)	43 (0;-2)	42 (0;-3)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	5,3	5,3	5,2	5,2
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,89	0,89	0,89	0,89
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 87$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 87$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 86$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 86$ $\rho_v = 8$ $\rho'_v = 8$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 76$ $\tau_e = 71$ $\rho_e = 7$ $\rho'_e = 7$	$g = 75$ $\tau_e = 69$ $\rho_e = 7$ $\rho'_e = 7$	$g = 75$ $\tau_e = 69$ $\rho_e = 7$ $\rho'_e = 7$	$g = 74$ $\tau_e = 68$ $\rho_e = 7$ $\rho'_e = 7$
	Durability	3	NPD	NPD	NPD	NPD

NPD: No Performance Determined

**Multiphon® SSW (Scheuten Super White)**

EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	33.1 SI SSW	33.2 SI SSW	44.1 SI SSW	44.2 SI SSW	44.4 SI SSW	55.1 SI SSW
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	P1A	P1A	P1A	P2A	NPD	P1A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C; $C_{tr}$ ) [dB]	3	35 (-1;-4)	36 (-0;-3)	37 (-0;-2)	37 (-0;-2)	37 (-0;-2)	39 (-1;-3)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	5,6	5,6	5,5	5,5	5,4	5,5
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,89	0,89	0,89	0,89	0,89	0,89
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 91$ $\rho_v = 8$ $\rho'_v = 8$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 85$ $T_e = 83$ $\rho_e = 8$ $\rho'_e = 8$	$g = 85$ $T_e = 82$ $\rho_e = 8$ $\rho'_e = 8$	$g = 85$ $T_e = 83$ $\rho_e = 8$ $\rho'_e = 8$	$g = 84$ $T_e = 82$ $\rho_e = 8$ $\rho'_e = 8$	$g = 82$ $T_e = 79$ $\rho_e = 7$ $\rho'_e = 7$	$g = 85$ $T_e = 82$ $\rho_e = 8$ $\rho'_e = 8$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

**Multiphon® SSW (Scheuten Super White)**

EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	55.2 SI SSW	55.4 SI SSW	66.1 SI SSW	66.2 SI SSW	66.4 SI SSW	88.1 SI SSW
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	P2A	NPD	P1A	P2A	NPD	P1A
4.3.2.7	Pendulum Body impact resistance	3	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ ( $C;C_{tr}$ ) [dB]	3	39 (-1;-3)	39 (-1;-3)	40 (-1;-3)	40 (-1;-3)	40 (-1;-3)	41 (-1;-3)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	5,4	5,3	5,4	5,4	5,4	5,3
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,89	0,89	0,89	0,89	0,89	0,89
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$\tau_v = 91$ $\rho_v = 8$ $\rho'_v = 8$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 84$ $\tau_e = 81$ $\rho_e = 8$ $\rho'_e = 8$	$g = 82$ $\tau_e = 79$ $\rho_e = 7$ $\rho'_e = 7$	$g = 84$ $\tau_e = 82$ $\rho_e = 8$ $\rho'_e = 8$	$g = 84$ $\tau_e = 81$ $\rho_e = 8$ $\rho'_e = 8$	$g = 82$ $\tau_e = 78$ $\rho_e = 7$ $\rho'_e = 7$	$g = 84$ $\tau_e = 81$ $\rho_e = 8$ $\rho'_e = 8$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined



Multiphon® SSW (Scheuten Super White)						
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	88.2 SI SSW	88.4 SI SSW	1010.1 SI SSW	1010.2 SI SSW
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	P2A	NPD	P2A	P2A
4.3.2.7	Pendulum Body impact resistance	3	1(B)1	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C;C <sub>tr</sub> ) [dB]	3	41 (-1;-3)	41 (-1;-3)	43 (0;-2)	42 (0;-3)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	5,3	5,3	5,2	5,2
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,89	0,89	0,89	0,89
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$T_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$T_v = 90$ $\rho_v = 8$ $\rho'_v = 8$	$T_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$T_v = 91$ $\rho_v = 8$ $\rho'_v = 8$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 83$ $T_e = 80$ $\rho_e = 7$ $\rho'_e = 7$	$g = 81$ $T_e = 77$ $\rho_e = 7$ $\rho'_e = 7$	$g = 83$ $T_e = 80$ $\rho_e = 7$ $\rho'_e = 7$	$g = 82$ $T_e = 79$ $\rho_e = 7$ $\rho'_e = 7$
	Durability	3	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multisafe® Extrastrong							
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	44.2 ST	55.2 ST	66.2 ST	88.2 ST	1010.2 ST
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	NPD	NPD	NPD	NPD	NPD
4.3.2.7	Pendulum Body impact resistance	3	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w (C;C_{tr})$ [dB]	3	NPD	NPD	NPD	NPD	NPD
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	5,5	5,4	5,4	5,3	5,2
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,89	0,89	0,89	0,89	0,89
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$T_v = 89$ $\rho_v = 8$ $\rho'_v = 8$	$T_v = 89$ $\rho_v = 8$ $\rho'_v = 8$	$T_v = 88$ $\rho_v = 8$ $\rho'_v = 8$	$T_v = 87$ $\rho_v = 8$ $\rho'_v = 8$	$T_v = 86$ $\rho_v = 8$ $\rho'_v = 8$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 81$ $T_e = 77$ $\rho_e = 7$ $\rho'_e = 7$	$g = 79$ $T_e = 75$ $\rho_e = 7$ $\rho'_e = 7$	$g = 78$ $T_e = 74$ $\rho_e = 7$ $\rho'_e = 7$	$g = 76$ $T_e = 71$ $\rho_e = 7$ $\rho'_e = 7$	$g = 74$ $T_e = 68$ $\rho_e = 7$ $\rho'_e = 7$
	Durability	3	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multisafe® Extrastrong SSW (Scheuten Super White)							
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	44.2 ST SSW	55.2 ST SSW	66.2 ST SSW	88.2 ST SSW	1010.2 ST SSW
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	NPD	NPD	NPD	NPD	NPD
4.3.2.7	Pendulum Body impact resistance	3	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w (C;C_{tr})$ [dB]	3	NPD	NPD	NPD	NPD	NPD
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	5,5	5,4	5,4	5,3	5,2
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,89	0,89	0,89	0,89	0,89
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$T_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$T_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$T_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$T_v = 91$ $\rho_v = 8$ $\rho'_v = 8$	$T_v = 91$ $\rho_v = 8$ $\rho'_v = 8$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 84$ $T_e = 82$ $\rho_e = 8$ $\rho'_e = 8$	$g = 84$ $T_e = 81$ $\rho_e = 8$ $\rho'_e = 8$	$g = 84$ $T_e = 81$ $\rho_e = 8$ $\rho'_e = 8$	$g = 83$ $T_e = 80$ $\rho_e = 7$ $\rho'_e = 7$	$g = 82$ $T_e = 79$ $\rho_e = 7$ $\rho'_e = 7$
	Durability	3	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multisafe® xx.x SSN 1.1 (Scheuten Super Neutral 1.1)									
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	33.1	33.2	33.4	44.1	44.2	44.4	44.6
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	C-s1, d2	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	NPD	P1A	P4A	NPD	P2A	P4A	P5A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	1(B)1	2(B)2	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C; $C_{tr}$ ) [dB]	3	32 (-1;-3)	32 (-1;-3)	32 (-1;-3)	33 (-1;-3)	33 (-1;-3)	33 (-1;-3)	33 (-1;-3)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,03	0,03	0,03	0,03	0,03	0,03	0,03
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$T_v = 89$ $\rho_v = 4$ $\rho'_v = 5$	$T_v = 89$ $\rho_v = 4$ $\rho'_v = 5$	$T_v = 89$ $\rho_v = 4$ $\rho'_v = 5$	$T_v = 89$ $\rho_v = 4$ $\rho'_v = 5$	$T_v = 89$ $\rho_v = 4$ $\rho'_v = 5$	$T_v = 88$ $\rho_v = 4$ $\rho'_v = 5$	$T_v = 88$ $\rho_v = 4$ $\rho'_v = 5$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 64$ $T_e = 61$ $\rho_e = 26$ $\rho'_e = 19$	$g = 64$ $T_e = 60$ $\rho_e = 26$ $\rho'_e = 17$	$g = 63$ $T_e = 59$ $\rho_e = 26$ $\rho'_e = 16$	$g = 63$ $T_e = 60$ $\rho_e = 26$ $\rho'_e = 18$	$g = 63$ $T_e = 59$ $\rho_e = 26$ $\rho'_e = 16$	$g = 62$ $T_e = 58$ $\rho_e = 26$ $\rho'_e = 15$	$g = 61$ $T_e = 57$ $\rho_e = 25$ $\rho'_e = 14$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multisafe® xx.x SSN 1.1 (Scheuten Super Neutral 1.1)									
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	55.1	55.2	55.4	55.6	55.8	66.1	66.2
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	NPD	P2A	P4A	P5A	P6B	NPD	P2A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	1(B)1	1(B)1	1(B)1	2(B)2	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C;C <sub>tr</sub> ) [dB]	3	34 (-1;-3)	34 (-1;-3)	34 (-1;-3)	34 (-1;-3)	34 (-1;-3)	36 (-1;-2)	36 (-1;-2)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,03	0,03	0,03	0,03	0,03	0,03	0,03
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 88$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 88$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 88$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 88$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 87$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 88$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 87$ $\rho_v = 4$ $\rho'_v = 5$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 63$ $\tau_e = 59$ $\rho_e = 26$ $\rho'_e = 17$	$g = 62$ $\tau_e = 58$ $\rho_e = 26$ $\rho'_e = 16$	$g = 61$ $\tau_e = 57$ $\rho_e = 25$ $\rho'_e = 14$	$g = 61$ $\tau_e = 56$ $\rho_e = 25$ $\rho'_e = 13$	$g = 60$ $\tau_e = 56$ $\rho_e = 25$ $\rho'_e = 12$	$g = 62$ $\tau_e = 58$ $\rho_e = 25$ $\rho'_e = 16$	$g = 61$ $\tau_e = 57$ $\rho_e = 25$ $\rho'_e = 15$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multisafe® xx.x SSN 1.1 (Scheuten Super Neutral 1.1)								
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	66.4	66.6	66.8	88.1	88.2	88.4
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	P4A	P5A	P6B	NPD	P2A	P4A
4.3.2.7	Pendulum Body impact resistance	3	1(B)1	1(B)1	1(B)1	2(B)2	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C;C <sub>tr</sub> ) [dB]	3	36 (-1;-2)	36 (-1;-2)	36 (-1;-2)	NPD	NPD	NPD
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,03	0,03	0,03	0,03	0,03	0,03
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 87$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 87$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 87$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 87$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 86$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 86$ $\rho_v = 4$ $\rho'_v = 5$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 61$ $\tau_e = 56$ $\rho_e = 25$ $\rho'_e = 14$	$g = 60$ $\tau_e = 55$ $\rho_e = 25$ $\rho'_e = 13$	$g = 59$ $\tau_e = 55$ $\rho_e = 25$ $\rho'_e = 12$	$g = 61$ $\tau_e = 56$ $\rho_e = 25$ $\rho'_e = 15$	$g = 60$ $\tau_e = 56$ $\rho_e = 25$ $\rho'_e = 14$	$g = 59$ $\tau_e = 55$ $\rho_e = 25$ $\rho'_e = 12$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multisafe® xx.x SSN 1.1 SSW (Scheuten Super Neutral 1.1) (Scheuten Super White)									
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	33.1 SSW	33.2 SSW	33.4 SSW	44.1 SSW	44.2 SSW	44.4 SSW	44.6 SSW
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	C-s1, d2	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	NPD	P1A	P4A	NPD	P2A	P4A	P5A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	1(B)1	2(B)2	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C;C <sub>tr</sub> ) [dB]	3	32 (-1;-3)	32 (-1;-3)	32 (-1;-3)	33 (-1;-3)	33 (-1;-3)	33 (-1;-3)	33 (-1;-3)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,03	0,03	0,03	0,03	0,03	0,03	0,03
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$T_v = 91$ $\rho_v = 4$ $\rho'_v = 5$	$T_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$T_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$T_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$T_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$T_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$T_v = 90$ $\rho_v = 4$ $\rho'_v = 5$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 66$ $T_e = 63$ $\rho_e = 26$ $\rho'_e = 21$	$g = 65$ $T_e = 63$ $\rho_e = 26$ $\rho'_e = 19$	$g = 64$ $T_e = 61$ $\rho_e = 26$ $\rho'_e = 17$	$g = 66$ $T_e = 63$ $\rho_e = 26$ $\rho'_e = 20$	$g = 65$ $T_e = 62$ $\rho_e = 26$ $\rho'_e = 19$	$g = 64$ $T_e = 61$ $\rho_e = 26$ $\rho'_e = 17$	$g = 64$ $T_e = 60$ $\rho_e = 26$ $\rho'_e = 16$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multisafe® xx.x SSN 1.1 SSW (Scheuten Super Neutral 1.1) (Scheuten Super White)									
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	55.1 SSW	55.2 SSW	55.4 SSW	55.6 SSW	55.8 SSW	66.1 SSW	66.2 SSW
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	NPD	P2A	P4A	P5A	P6B	NPD	P2A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	1(B)1	1(B)1	1(B)1	2(B)2	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C;C <sub>tr</sub> ) [dB]	3	34 (-1;-3)	34 (-1;-3)	34 (-1;-3)	34 (-1;-3)	34 (-1;-3)	36 (-1;-2)	36 (-1;-2)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,03	0,03	0,03	0,03	0,03	0,03	0,03
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 89$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 66$ $\tau_e = 63$ $\rho_e = 26$ $\rho'_e = 20$	$g = 65$ $\tau_e = 62$ $\rho_e = 26$ $\rho'_e = 19$	$g = 64$ $\tau_e = 61$ $\rho_e = 26$ $\rho'_e = 17$	$g = 63$ $\tau_e = 60$ $\rho_e = 26$ $\rho'_e = 16$	$g = 63$ $\tau_e = 59$ $\rho_e = 26$ $\rho'_e = 15$	$g = 65$ $\tau_e = 63$ $\rho_e = 26$ $\rho'_e = 20$	$g = 65$ $\tau_e = 62$ $\rho_e = 26$ $\rho'_e = 19$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined



Multisafe® xx.x SSN 1.1 SSW (Scheuten Super Neutral 1.1) (Scheuten Super White)								
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	66.4 SSW	66.6 SSW	66.8 SSW	88.1 SSW	88.2 SSW	88.4 SSW
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	P4A	P5A	P6B	NPD	P2A	P4A
4.3.2.7	Pendulum Body impact resistance	3	1(B)1	1(B)1	1(B)1	2(B)2	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C;C <sub>tr</sub> ) [dB]	3	36 (-1;-2)	36 (-1;-2)	36 (-1;-2)	NPD	NPD	NPD
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,03	0,03	0,03	0,03	0,03	0,03
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 89$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 64$ $\tau_e = 61$ $\rho_e = 26$ $\rho'_e = 17$	$g = 63$ $\tau_e = 60$ $\rho_e = 26$ $\rho'_e = 15$	$g = 63$ $\tau_e = 59$ $\rho_e = 26$ $\rho'_e = 14$	$g = 65$ $\tau_e = 62$ $\rho_e = 26$ $\rho'_e = 19$	$g = 64$ $\tau_e = 61$ $\rho_e = 26$ $\rho'_e = 18$	$g = 64$ $\tau_e = 60$ $\rho_e = 26$ $\rho'_e = 16$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

**Multisafe® xx.x SSN 1.1 (Scheuten Super Neutral 1.1) (translucent white)**

EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	33.1 M	33.2 M	44.1 M	44.2 M	55.2 M	66.2 M	88.2 M
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	NPD	P1A	NPD	P2A	P2A	P2A	P2A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	2(B)2	1(B)1	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C;C <sub>tr</sub> ) [dB]	3	32 (-1;-3)	32 (-1;-3)	33 (-1;-3)	33 (-1;-3)	34 (-1;-3)	36 (-1;-2)	NPD
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,03	0,03	0,03	0,03	0,03	0,03	0,03
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = \text{NPD}$ $\rho_v = \text{NPD}$ $\rho'_v = \text{NPD}$	$\tau_v = \text{NPD}$ $\rho_v = \text{NPD}$ $\rho'_v = \text{NPD}$	$\tau_v = \text{NPD}$ $\rho_v = \text{NPD}$ $\rho'_v = \text{NPD}$	$\tau_v = \text{NPD}$ $\rho_v = \text{NPD}$ $\rho'_v = \text{NPD}$	$\tau_v = \text{NPD}$ $\rho_v = \text{NPD}$ $\rho'_v = \text{NPD}$	$\tau_v = \text{NPD}$ $\rho_v = \text{NPD}$ $\rho'_v = \text{NPD}$	$\tau_v = \text{NPD}$ $\rho_v = \text{NPD}$ $\rho'_v = \text{NPD}$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = \text{NPD}$ $\tau_e = \text{NPD}$ $\rho_e = \text{NPD}$ $\rho'_e = \text{NPD}$	$g = \text{NPD}$ $\tau_e = \text{NPD}$ $\rho_e = \text{NPD}$ $\rho'_e = \text{NPD}$	$g = \text{NPD}$ $\tau_e = \text{NPD}$ $\rho_e = \text{NPD}$ $\rho'_e = \text{NPD}$	$g = \text{NPD}$ $\tau_e = \text{NPD}$ $\rho_e = \text{NPD}$ $\rho'_e = \text{NPD}$	$g = \text{NPD}$ $\tau_e = \text{NPD}$ $\rho_e = \text{NPD}$ $\rho'_e = \text{NPD}$	$g = \text{NPD}$ $\tau_e = \text{NPD}$ $\rho_e = \text{NPD}$ $\rho'_e = \text{NPD}$	$g = \text{NPD}$ $\tau_e = \text{NPD}$ $\rho_e = \text{NPD}$ $\rho'_e = \text{NPD}$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

**Multisafe® xx.x SSN 1.1 SSW (Scheuten Super Neutral 1.1) (translucent white) (Scheuten Super White)**

EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	33.1 M SSW	33.2 M SSW	44.1 M SSW	44.2 M SSW	55.2 M SSW	66.2 M SSW	88.2 M SSW
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	NPD	P1A	NPD	P2A	P2A	P2A	P2A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	2(B)2	1(B)1	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C;C <sub>tr</sub> ) [dB]	3	32 (-1;-3)	32 (-1;-3)	33 (-1;-3)	33 (-1;-3)	34 (-1;-3)	36 (-1;-2)	NPD
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,03	0,03	0,03	0,03	0,03	0,03	0,03
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g =$ NPD $T_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $T_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $T_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $T_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $T_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $T_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $T_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multisafe® xx.x SSN 1.0 NG (Scheuten Super Neutral 1.0 NG)									
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	33.1	33.2	33.4	44.1	44.2	44.4	44.6
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	C-s1, d2	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	NPD	P1A	P4A	NPD	P2A	P4A	P5A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	1(B)1	2(B)2	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C; $C_{tr}$ ) [dB]	3	32 (-1;-3)	32 (-1;-3)	32 (-1;-3)	33 (-1;-3)	33 (-1;-3)	33 (-1;-3)	33 (-1;-3)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,01	0,01	0,01	0,01	0,01	0,01	0,01
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 83$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 83$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 83$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 83$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 82$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 82$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 82$ $\rho_v = 9$ $\rho'_v = 11$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 53$ $T_e = 50$ $\rho_e = 38$ $\rho'_e = 28$	$g = 52$ $T_e = 49$ $\rho_e = 38$ $\rho'_e = 26$	$g = 52$ $T_e = 49$ $\rho_e = 38$ $\rho'_e = 24$	$g = 52$ $T_e = 49$ $\rho_e = 38$ $\rho'_e = 26$	$g = 52$ $T_e = 49$ $\rho_e = 38$ $\rho'_e = 25$	$g = 51$ $T_e = 48$ $\rho_e = 38$ $\rho'_e = 23$	$g = 51$ $T_e = 47$ $\rho_e = 38$ $\rho'_e = 21$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multisafe® xx.x SSN 1.0 NG (Scheuten Super Neutral 1.0 NG)									
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	55.1	55.2	55.4	55.6	55.8	66.1	66.2
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	NPD	P2A	P4A	P5A	P6B	NPD	P2A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	1(B)1	1(B)1	1(B)1	2(B)2	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C; $C_{tr}$ ) [dB]	3	34 (-1;-3)	34 (-1;-3)	34 (-1;-3)	34 (-1;-3)	34 (-1;-3)	36 (-1;-2)	36 (-1;-2)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,01	0,01	0,01	0,01	0,01	0,01	0,01
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 82$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 82$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 82$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 81$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 81$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 82$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 81$ $\rho_v = 9$ $\rho'_v = 11$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 52$ $T_e = 49$ $\rho_e = 38$ $\rho'_e = 25$	$g = 51$ $T_e = 48$ $\rho_e = 38$ $\rho'_e = 24$	$g = 51$ $T_e = 47$ $\rho_e = 38$ $\rho'_e = 22$	$g = 50$ $T_e = 47$ $\rho_e = 38$ $\rho'_e = 20$	$g = 50$ $T_e = 46$ $\rho_e = 38$ $\rho'_e = 19$	$g = 51$ $T_e = 48$ $\rho_e = 38$ $\rho'_e = 24$	$g = 51$ $T_e = 47$ $\rho_e = 38$ $\rho'_e = 23$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multisafe® xx.x SSN 1.0 NG (Scheuten Super Neutral 1.0 NG)								
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	66.4	66.6	66.8	88.1	88.2	88.4
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	P4A	P5A	P6B	NPD	P2A	P4A
4.3.2.7	Pendulum Body impact resistance	3	1(B)1	1(B)1	1(B)1	2(B)2	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C; $C_{tr}$ ) [dB]	3	36 (-1;-2)	36 (-1;-2)	36 (-1;-2)	NPD	NPD	NPD
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,01	0,01	0,01	0,01	0,01	0,01
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 81$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 81$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 81$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 81$ $\rho_v = 8$ $\rho'_v = 10$	$\tau_v = 80$ $\rho_v = 8$ $\rho'_v = 10$	$\tau_v = 80$ $\rho_v = 8$ $\rho'_v = 10$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 50$ $T_e = 47$ $\rho_e = 38$ $\rho'_e = 21$	$g = 50$ $T_e = 46$ $\rho_e = 38$ $\rho'_e = 20$	$g = 49$ $T_e = 45$ $\rho_e = 38$ $\rho'_e = 19$	$g = 50$ $T_e = 47$ $\rho_e = 38$ $\rho'_e = 22$	$g = 50$ $T_e = 46$ $\rho_e = 38$ $\rho'_e = 21$	$g = 49$ $T_e = 45$ $\rho_e = 38$ $\rho'_e = 19$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multisafe® xx.x SSN 1.0 NG SSW (Scheuten Super Neutral 1.0 NG) (Scheuten Super White)									
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	33.1 SSW	33.2 SSW	33.4 SSW	44.1 SSW	44.2 SSW	44.4 SSW	44.6 SSW
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	C-s1, d2	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	NPD	P1A	P4A	NPD	P2A	P4A	P5A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	1(B)1	2(B)2	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C; $C_{tr}$ ) [dB]	3	32 (-1;-3)	32 (-1;-3)	32 (-1;-3)	33 (-1;-3)	33 (-1;-3)	33 (-1;-3)	33 (-1;-3)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,01	0,01	0,01	0,01	0,01	0,01	0,01
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 54$ $T_e = 52$ $\rho_e = 39$ $\rho'_e = 31$	$g = 54$ $T_e = 51$ $\rho_e = 38$ $\rho'_e = 29$	$g = 53$ $T_e = 50$ $\rho_e = 38$ $\rho'_e = 27$	$g = 54$ $T_e = 51$ $\rho_e = 38$ $\rho'_e = 31$	$g = 53$ $T_e = 51$ $\rho_e = 38$ $\rho'_e = 29$	$g = 53$ $T_e = 50$ $\rho_e = 38$ $\rho'_e = 27$	$g = 52$ $T_e = 49$ $\rho_e = 38$ $\rho'_e = 25$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined



Multisafe® xx.x SSN 1.0 NG SSW (Scheuten Super Neutral 1.0 NG) (Scheuten Super White)									
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	55.1 SSW	55.2 SSW	55.4 SSW	55.6 SSW	55.8 SSW	66.1 SSW	66.2 SSW
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	NPD	P2A	P4A	P5A	P6B	NPD	P2A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	1(B)1	1(B)1	1(B)1	2(B)2	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C; $C_{tr}$ ) [dB]	3	34 (-1;-3)	34 (-1;-3)	34 (-1;-3)	34 (-1;-3)	34 (-1;-3)	36 (-1;-2)	36 (-1;-2)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,01	0,01	0,01	0,01	0,01	0,01	0,01
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 83$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 54$ $T_e = 51$ $\rho_e = 38$ $\rho'_e = 30$	$g = 53$ $T_e = 51$ $\rho_e = 38$ $\rho'_e = 29$	$g = 53$ $T_e = 50$ $\rho_e = 38$ $\rho'_e = 26$	$g = 52$ $T_e = 49$ $\rho_e = 38$ $\rho'_e = 24$	$g = 52$ $T_e = 49$ $\rho_e = 38$ $\rho'_e = 23$	$g = 54$ $T_e = 51$ $\rho_e = 38$ $\rho'_e = 30$	$g = 53$ $T_e = 51$ $\rho_e = 38$ $\rho'_e = 28$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined



Multisafe® xx.x SSN 1.0 NG SSW (Scheuten Super Neutral 1.0 NG) (Scheuten Super White)								
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	66.4 SSW	66.6 SSW	66.8 SSW	88.1 SSW	88.2 SSW	88.4 SSW
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	P4A	P5A	P6B	NPD	P2A	P4A
4.3.2.7	Pendulum Body impact resistance	3	1(B)1	1(B)1	1(B)1	2(B)2	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ ( $C;C_{tr}$ ) [dB]	3	36 (-1;-2)	36 (-1;-2)	36 (-1;-2)	NPD	NPD	NPD
4.3.2.11	U-Value (Thermal properties) [ $W/m^2K$ ]	3	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,01	0,01	0,01	0,01	0,01	0,01
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 83$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 53$ $T_e = 50$ $\rho_e = 38$ $\rho'_e = 26$	$g = 52$ $T_e = 49$ $\rho_e = 38$ $\rho'_e = 24$	$g = 52$ $T_e = 48$ $\rho_e = 38$ $\rho'_e = 23$	$g = 53$ $T_e = 51$ $\rho_e = 38$ $\rho'_e = 29$	$g = 53$ $T_e = 50$ $\rho_e = 38$ $\rho'_e = 27$	$g = 52$ $T_e = 49$ $\rho_e = 38$ $\rho'_e = 25$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multisafe® xx.x SSN 1.0 NG (Scheuten Super Neutral 1.0 NG) (translucent white)									
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	33.1 M	33.2 M	44.1 M	44.2 M	55.2 M	66.2 M	88.2 M
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	NPD	P1A	NPD	P2A	P2A	P2A	P2A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	2(B)2	1(B)1	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ ( $C;C_{tr}$ ) [dB]	3	32 (-1;-3)	32 (-1;-3)	33 (-1;-3)	33 (-1;-3)	34 (-1;-3)	36 (-1;-2)	NPD
4.3.2.11	U-Value (Thermal properties) [ $W/m^2K$ ]	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,01	0,01	0,01	0,01	0,01	0,01	0,01
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

**Multisafe® xx.x SSN 1.0 NG SSW (Scheuten Super Neutral 1.0 NG) (translucent white) (Scheuten Super White)**

EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	33.1 M SSW	33.2 M SSW	44.1 M SSW	44.2 M SSW	55.2 M SSW	66.2 M SSW	88.2 M SSW
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	NPD	P1A	NPD	P2A	P2A	P2A	P2A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	2(B)2	1(B)1	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ ( $C;C_{tr}$ ) [dB]	3	32 (-1;-3)	32 (-1;-3)	33 (-1;-3)	33 (-1;-3)	34 (-1;-3)	36 (-1;-2)	NPD
4.3.2.11	U-Value (Thermal properties) [ $W/m^2K$ ]	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,01	0,01	0,01	0,01	0,01	0,01	0,01
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD	$\tau_v =$ NPD $\rho_v =$ NPD $\rho'_v =$ NPD
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD	$g =$ NPD $\tau_e =$ NPD $\rho_e =$ NPD $\rho'_e =$ NPD
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multiphon® xx.x SSN 1.1 (Scheuten Super Neutral 1.1)								
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	33.1 SI	33.2 SI	44.1 SI	44.2 SI	44.4 SI	55.1 SI
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	P1A	P1A	P1A	P2A	NPD	P1A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C; $C_{tr}$ ) [dB]	3	35 (-1;-4)	36 (-0;-3)	37 (-0;-2)	37 (-0;-2)	37 (-0;-2)	39 (-1;-3)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,03	0,03	0,03	0,03	0,03	0,03
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 89$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 89$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 89$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 89$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 88$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 88$ $\rho_v = 4$ $\rho'_v = 5$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 64$ $\tau_e = 61$ $\rho_e = 26$ $\rho'_e = 18$	$g = 64$ $\tau_e = 60$ $\rho_e = 26$ $\rho'_e = 17$	$g = 63$ $\tau_e = 60$ $\rho_e = 26$ $\rho'_e = 17$	$g = 63$ $\tau_e = 59$ $\rho_e = 26$ $\rho'_e = 16$	$g = 62$ $\tau_e = 58$ $\rho_e = 26$ $\rho'_e = 15$	$g = 62$ $\tau_e = 59$ $\rho_e = 26$ $\rho'_e = 16$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multiphon® xx.x SSN 1.1 (Scheuten Super Neutral 1.1)									
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	55.2 SI	55.4 SI	66.1 SI	66.2 SI	66.4 SI	88.1 SI	88.2 SI
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	P2A	NPD	P1A	P2A	NPD	P1A	P2A
4.3.2.7	Pendulum Body impact resistance	3	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C; $C_{tr}$ ) [dB]	3	39 (-1;-3)	39 (-1;-3)	40 (-1;-3)	40 (-1;-3)	40 (-1;-3)	41 (-1;-3)	41 (-1;-3)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,03	0,03	0,03	0,03	0,03	0,03	0,03
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 88$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 88$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 88$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 87$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 87$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 86$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 86$ $\rho_v = 4$ $\rho'_v = 5$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 62$ $\tau_e = 58$ $\rho_e = 26$ $\rho'_e = 16$	$g = 61$ $\tau_e = 57$ $\rho_e = 25$ $\rho'_e = 14$	$g = 62$ $\tau_e = 58$ $\rho_e = 25$ $\rho'_e = 16$	$g = 61$ $\tau_e = 57$ $\rho_e = 25$ $\rho'_e = 15$	$g = 61$ $\tau_e = 56$ $\rho_e = 25$ $\rho'_e = 14$	$g = 60$ $\tau_e = 56$ $\rho_e = 25$ $\rho'_e = 14$	$g = 60$ $\tau_e = 56$ $\rho_e = 25$ $\rho'_e = 14$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multiphon® xx.x SSN 1.1 SSW (Scheuten Super Neutral 1.1) (Scheuten Super White)								
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	33.1 SI SSW	33.2 SI SSW	44.1 SI SSW	44.2 SI SSW	44.4 SI SSW	55.1 SI SSW
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	P1A	P1A	P1A	P2A	NPD	P1A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C;C <sub>tr</sub> ) [dB]	3	35 (-1;-4)	36 (-0;-3)	37 (-0;-2)	37 (-0;-2)	37 (-0;-2)	39 (-1;-3)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,03	0,03	0,03	0,03	0,03	0,03
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 91$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 66$ $T_e = 63$ $\rho_e = 26$ $\rho'_e = 20$	$g = 65$ $T_e = 63$ $\rho_e = 26$ $\rho'_e = 19$	$g = 66$ $T_e = 63$ $\rho_e = 26$ $\rho'_e = 20$	$g = 65$ $T_e = 62$ $\rho_e = 26$ $\rho'_e = 19$	$g = 64$ $T_e = 61$ $\rho_e = 26$ $\rho'_e = 17$	$g = 65$ $T_e = 63$ $\rho_e = 26$ $\rho'_e = 20$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

**Multiphon® xx.x SSN 1.1 SSW (Scheuten Super Neutral 1.1) (Scheuten Super White)**

EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	55.2 SI SSW	55.4 SI SSW	66.1 SI SSW	66.2 SI SSW	66.4 SI SSW	88.1 SI SSW	88.2 SI SSW
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	P2A	NPD	P1A	P2A	NPD	P1A	P2A
4.3.2.7	Pendulum Body impact resistance	3	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C; $C_{tr}$ ) [dB]	3	39 (-1;-3)	39 (-1;-3)	40 (-1;-3)	40 (-1;-3)	40 (-1;-3)	41 (-1;-3)	41 (-1;-3)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,03	0,03	0,03	0,03	0,03	0,03	0,03
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 65$ $\tau_e = 62$ $\rho_e = 26$ $\rho'_e = 19$	$g = 64$ $\tau_e = 61$ $\rho_e = 26$ $\rho'_e = 17$	$g = 65$ $\tau_e = 62$ $\rho_e = 26$ $\rho'_e = 19$	$g = 65$ $\tau_e = 62$ $\rho_e = 26$ $\rho'_e = 19$	$g = 64$ $\tau_e = 61$ $\rho_e = 26$ $\rho'_e = 17$	$g = 65$ $\tau_e = 62$ $\rho_e = 26$ $\rho'_e = 19$	$g = 64$ $\tau_e = 61$ $\rho_e = 26$ $\rho'_e = 18$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multiphon® xx.x SSN 1.0 NG (Scheuten Super Neutral 1.0 NG)								
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	33.1 SI	33.2 SI	44.1 SI	44.2 SI	44.4 SI	55.1 SI
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	P1A	P1A	P1A	P2A	NPD	P1A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C;C <sub>tr</sub> ) [dB]	3	35 (-1;-4)	36 (-0;-3)	37 (-0;-2)	37 (-0;-2)	37 (-0;-2)	39 (-1;-3)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,01	0,01	0,01	0,01	0,01	0,01
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 83$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 83$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 83$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 82$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 82$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 82$ $\rho_v = 9$ $\rho'_v = 11$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 53$ $\tau_e = 50$ $\rho_e = 38$ $\rho'_e = 27$	$g = 52$ $\tau_e = 49$ $\rho_e = 38$ $\rho'_e = 26$	$g = 52$ $\tau_e = 49$ $\rho_e = 38$ $\rho'_e = 26$	$g = 52$ $\tau_e = 49$ $\rho_e = 38$ $\rho'_e = 25$	$g = 51$ $\tau_e = 48$ $\rho_e = 38$ $\rho'_e = 23$	$g = 51$ $\tau_e = 48$ $\rho_e = 38$ $\rho'_e = 25$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined



Multiphon® xx.x SSN 1.0 NG (Scheuten Super Neutral 1.0 NG)									
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	55.2 SI	55.4 SI	66.1 SI	66.2 SI	66.4 SI	88.1 SI	88.2 SI
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	P2A	NPD	P1A	P2A	NPD	P1A	P2A
4.3.2.7	Pendulum Body impact resistance	3	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C;C <sub>tr</sub> ) [dB]	3	39 (-1;-3)	39 (-1;-3)	40 (-1;-3)	40 (-1;-3)	40 (-1;-3)	41 (-1;-3)	41 (-1;-3)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,01	0,01	0,01	0,01	0,01	0,01	0,01
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 82$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 82$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 82$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 81$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 81$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 81$ $\rho_v = 8$ $\rho'_v = 10$	$\tau_v = 80$ $\rho_v = 8$ $\rho'_v = 10$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 51$ $\tau_e = 48$ $\rho_e = 38$ $\rho'_e = 24$	$g = 51$ $\tau_e = 47$ $\rho_e = 38$ $\rho'_e = 22$	$g = 51$ $\tau_e = 48$ $\rho_e = 38$ $\rho'_e = 23$	$g = 51$ $\tau_e = 47$ $\rho_e = 38$ $\rho'_e = 23$	$g = 50$ $\tau_e = 47$ $\rho_e = 38$ $\rho'_e = 21$	$g = 50$ $\tau_e = 46$ $\rho_e = 38$ $\rho'_e = 21$	$g = 50$ $\tau_e = 46$ $\rho_e = 38$ $\rho'_e = 21$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

Multiphon® xx.x SSN 1.0 NG SSW (Scheuten Super Neutral 1.0 NG) (Scheuten Super White)								
EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	33.1 SI SSW	33.2 SI SSW	44.1 SI SSW	44.2 SI SSW	44.4 SI SSW	55.1 SI SSW
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	P1A	P1A	P1A	P2A	NPD	P1A
4.3.2.7	Pendulum Body impact resistance	3	2(B)2	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C;C <sub>tr</sub> ) [dB]	3	35 (-1;-4)	36 (-0;-3)	37 (-0;-2)	37 (-0;-2)	37 (-0;-2)	39 (-1;-3)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,01	0,01	0,01	0,01	0,01	0,01
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 54$ $\tau_e = 51$ $\rho_e = 39$ $\rho'_e = 30$	$g = 54$ $\tau_e = 51$ $\rho_e = 38$ $\rho'_e = 29$	$g = 54$ $\tau_e = 51$ $\rho_e = 38$ $\rho'_e = 30$	$g = 53$ $\tau_e = 51$ $\rho_e = 38$ $\rho'_e = 29$	$g = 53$ $\tau_e = 50$ $\rho_e = 38$ $\rho'_e = 27$	$g = 54$ $\tau_e = 51$ $\rho_e = 38$ $\rho'_e = 30$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

**Multiphon® xx.x SSN 1.0 NG SSW (Scheuten Super Neutral 1.0 NG) (Scheuten Super White)**

EN 14449: 2005+AC	Essential characteristics:	AVCP Systems	55.2 SI SSW	55.4 SI SSW	66.1 SI SSW	66.2 SI SSW	66.4 SI SSW	88.1 SI SSW	88.2 SI SSW
4.3.2.1	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.2	Reaction to fire	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.3	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.4	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.5	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.6	Burglar resistance	3	P2A	NPD	P1A	P2A	NPD	P1A	P2A
4.3.2.7	Pendulum Body impact resistance	3	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1
4.3.2.8	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40	40
4.3.2.9	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45/45	45/45	45/45	45/45	45/45	45/45	45/45
4.3.2.10	Direct airborne sound insulation $R_w$ (C; $C_{tr}$ ) [dB]	3	39 (-1;-3)	39 (-1;-3)	40 (-1;-3)	40 (-1;-3)	40 (-1;-3)	41 (-1;-3)	41 (-1;-3)
4.3.2.11	U-Value (Thermal properties) [W/m <sup>2</sup> K]	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.3.2.11	Normal emissivity $\epsilon_n$ of coating side	3	0,01	0,01	0,01	0,01	0,01	0,01	0,01
4.3.2.12	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$
4.3.2.13	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 53$ $T_e = 51$ $\rho_e = 38$ $\rho'_e = 29$	$g = 53$ $T_e = 50$ $\rho_e = 38$ $\rho'_e = 26$	$g = 53$ $T_e = 51$ $\rho_e = 38$ $\rho'_e = 29$	$g = 53$ $T_e = 51$ $\rho_e = 38$ $\rho'_e = 28$	$g = 53$ $T_e = 50$ $\rho_e = 38$ $\rho'_e = 26$	$g = 53$ $T_e = 51$ $\rho_e = 38$ $\rho'_e = 28$	$g = 53$ $T_e = 50$ $\rho_e = 38$ $\rho'_e = 27$
	Durability	3	NPD	NPD	NPD	NPD	NPD	NPD	NPD

NPD: No Performance Determined

The performance of the product (1) identified above is in conformity with the set of declared performance/s.  
This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer (3) identified above.

Signed for and on behalf of the manufacturer by:

Dhr. M. Janssen, (Director) Scheuten Base Glass BV

Venlo, 1 July 2024

