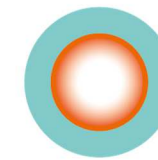




Coated glass EN 1096-4



Scheuten
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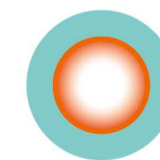
DECLARATION OF PERFORMANCE (CPR 305/2011)

DoP-1096-4-2021-01

- 1. Product-type:** SSN 1.1 – SSN 1.0 – SSN 1.0 PLUS
- 2. Intended use:** Coated 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 1096-4:2018
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:**



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SSN 1.1 (Scheuten Super Neutral 1.1)								
EN 1096-4: 2018	Essential characteristics:	AVCP Systems	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
4.2.2.2	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD
4.2.2.3	Reaction to fire	3,4	A1	A1	A1	A1	A1	A1
4.2.2.4	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.2.2.5	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.2.2.6	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.2.2.7	Burglar resistance	3	NPD	NPD	NPD	NPD	NPD	NPD
4.2.2.8	Pendulum Body impact resistance	3	NPD	NPD	NPD	NPD	NPD	NPD
4.2.2.9	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40
4.2.2.10	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45	45	45	45	45	45
4.2.2.11	Direct airborne sound insulation R_w (C;C _{tr}) [dB]	3	29 (-2;-3)	30 (-1;-2)	31 (-2;-3)	32 (-2;-3)	33 (-2;-3)	34 (-1;-2)
4.2.2.12	U-Value (Thermal properties) [W/m ² K]	3	NPD	NPD	NPD	NPD	NPD	NPD
4.2.2.12	Normal emissivity ϵ_n of coating side	3	0,03	0,03	0,03	0,03	0,03	0,03
4.2.2.13	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 90$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 89$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 89$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 88$ $\rho_v = 4$ $\rho'_v = 5$	$\tau_v = 88$ $\rho_v = 4$ $\rho'_v = 5$
4.2.2.14	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 67$ $\tau_e = 64$ $\rho_e = 26$ $\rho'_e = 22$	$g = 66$ $\tau_e = 64$ $\rho_e = 26$ $\rho'_e = 22$	$g = 66$ $\tau_e = 63$ $\rho_e = 26$ $\rho'_e = 21$	$g = 65$ $\tau_e = 62$ $\rho_e = 26$ $\rho'_e = 20$	$g = 64$ $\tau_e = 61$ $\rho_e = 26$ $\rho'_e = 19$	$g = 63$ $\tau_e = 60$ $\rho_e = 26$ $\rho'_e = 18$
4.2.2.15	Durability	3	C	C	C	C	C	C



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SSN 1.0 (Scheuten Super Neutral 1.0)								
EN 1096-4: 2018	Essential characteristics:	AVCP Systems	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
4.2.2.2	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD
4.2.2.3	Reaction to fire	3,4	A1	A1	A1	A1	A1	A1
4.2.2.4	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.2.2.5	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.2.2.6	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.2.2.7	Burglar resistance	3	NPD	NPD	NPD	NPD	NPD	NPD
4.2.2.8	Pendulum Body impact resistance	3	NPD	NPD	NPD	NPD	NPD	NPD
4.2.2.9	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40
4.2.2.10	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45	45	45	45	45	45
4.2.2.11	Direct airborne sound insulation $R_w (C;C_{tr})$ [dB]	3	29 (-2;-3)	30 (-1;-2)	31 (-2;-3)	32 (-2;-3)	33 (-2;-3)	34 (-1;-2)
4.2.2.12	U-Value (Thermal properties) [W/m ² K]	3	NPD	NPD	NPD	NPD	NPD	NPD
4.2.2.12	Normal emissivity ϵ_n of coating side	3	0,01	0,01	0,01	0,01	0,01	0,01
4.2.2.13	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 76$ $\rho_v = 15$ $\rho'_v = 17$	$\tau_v = 76$ $\rho_v = 15$ $\rho'_v = 17$	$\tau_v = 76$ $\rho_v = 15$ $\rho'_v = 17$	$\tau_v = 75$ $\rho_v = 15$ $\rho'_v = 17$	$\tau_v = 75$ $\rho_v = 15$ $\rho'_v = 17$	$\tau_v = 74$ $\rho_v = 15$ $\rho'_v = 17$
4.2.2.14	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 51$ $\tau_e = 48$ $\rho_e = 42$ $\rho'_e = 38$	$g = 50$ $\tau_e = 48$ $\rho_e = 42$ $\rho'_e = 37$	$g = 50$ $\tau_e = 47$ $\rho_e = 42$ $\rho'_e = 36$	$g = 49$ $\tau_e = 47$ $\rho_e = 42$ $\rho'_e = 34$	$g = 49$ $\tau_e = 46$ $\rho_e = 42$ $\rho'_e = 33$	$g = 48$ $\tau_e = 45$ $\rho_e = 42$ $\rho'_e = 31$
4.2.2.15	Durability	3	C	C	C	C	C	C



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SSN 1.0 PLUS (Scheuten Super Neutral 1.0 PLUS)								
EN 1096-4: 2018	Essential characteristics:	AVCP Systems	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
4.2.2.2	Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD
4.2.2.3	Reaction to fire	3,4	A1	A1	A1	A1	A1	A1
4.2.2.4	External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
4.2.2.5	Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.2.2.6	Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
4.2.2.7	Burglar resistance	3	NPD	NPD	NPD	NPD	NPD	NPD
4.2.2.8	Pendulum Body impact resistance	3	NPD	NPD	NPD	NPD	NPD	NPD
4.2.2.9	Resistance against sudden temperature changes and temperatures differentials [K]	4	40	40	40	40	40	40
4.2.2.10	Resistance against wind, snow, permanent and imposed load resistance [Mpa]	4	45	45	45	45	45	45
4.2.2.11	Direct airborne sound insulation R_w (C;C _{tr}) [dB]	3	29 (-2;-3)	30 (-1;-2)	31 (-2;-3)	32 (-2;-3)	33 (-2;-3)	34 (-1;-2)
4.2.2.12	U-Value (Thermal properties) [W/m ² K]	3	NPD	NPD	NPD	NPD	NPD	NPD
4.2.2.12	Normal emissivity ϵ_n of coating side	3	0,01	0,01	0,01	0,01	0,01	0,01
4.2.2.13	Light transmittance (Coating on position 1) Light reflectance outside Light reflectance inside	3	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 84$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 83$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 83$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 82$ $\rho_v = 9$ $\rho'_v = 11$	$\tau_v = 82$ $\rho_v = 9$ $\rho'_v = 10$
4.2.2.14	Total solar energy transmittance (Coating on position 1) Solar direct transmittance Solar direct reflectance outside Solar direct reflectance inside	3	$g = 56$ $\tau_e = 54$ $\rho_e = 37$ $\rho'_e = 33$	$g = 56$ $\tau_e = 53$ $\rho_e = 37$ $\rho'_e = 32$	$g = 55$ $\tau_e = 53$ $\rho_e = 37$ $\rho'_e = 31$	$g = 55$ $\tau_e = 52$ $\rho_e = 37$ $\rho'_e = 30$	$g = 54$ $\tau_e = 51$ $\rho_e = 37$ $\rho'_e = 28$	$g = 53$ $\tau_e = 50$ $\rho_e = 37$ $\rho'_e = 27$
4.2.2.15	Durability	3	C	C	C	C	C	C

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. R. Geerlings, (CCO) Scheuten Glass Holding b.v.

Venlo, 1 January 2021

