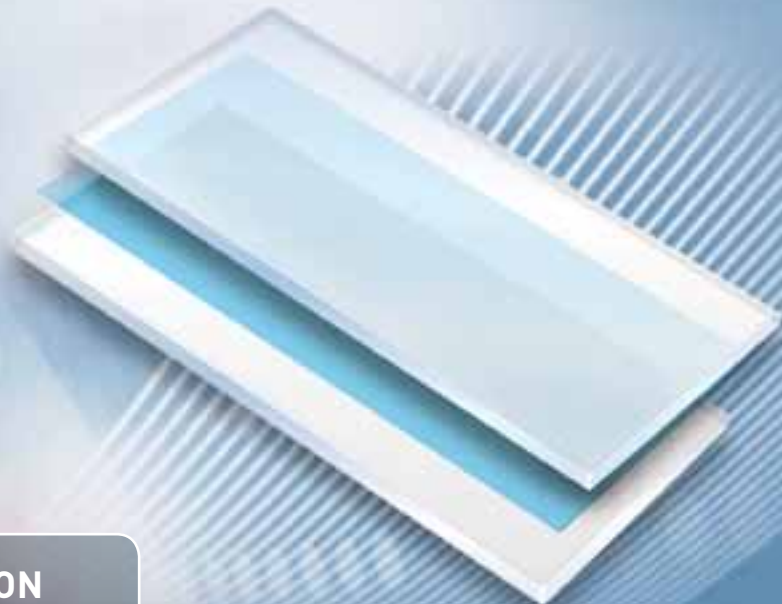


kuraray



SOUND CONTROL⁺

HIGH PERFORMANCE ACOUSTIC PVB FILM



PRODUCT INFORMATION

TROSIFOL[®]



SOUND INSULATION. AT ITS BEST.

janeek-photocase.com

PRODUCT CHARACTERISTICS

- Outstanding sound insulation properties
- High production yield through optimised process ability
- Outstanding clarity, transparency and light stability
- Safety and security performance according to EN 356 and EN 12600 identical with TROSIFOL® BG
- Option to combine with all other products of the TROSIFOL® portfolio
- UV testing according to EN ISO 12543 fulfilled
- Available as refrigerated film

GENERAL DATA

Product	Width [m]	Thickness [mm]	Water content [%]	Roughness [µm]	Roll length [m]
SC+	3.21	0.76	0.45	40	230

ACOUSTIC PERFORMANCE

Laminated safety glass	R _w [dB]*	C	C _{tr}	IGU with laminated safety glass	R _w [dB]*	C	C _{tr}
33.2	36	-1	-4	44.2 / 16 SZR / 4	39	-3	-7
44.2	37	-1	-4	44.2 / 16 SZR / 8	42	-3	0

* Tested and certified at: Fraunhofer Institut für Bauphysik, Stuttgart / Prüfinstitut für Bauphysik, Pirmasens

SAFETY AND SECURITY PERFORMANCE

Laminated safety glass	EN 12600	EN 356
33.2	1(B)1*	P2A
44.2	1(B)1*	P2A*
66.2	1(B)1*	P2A
44.4	1(B)1	P4A

* Test certificates available [MPA Darmstadt]



TECHNICAL DATA

Properties	Unit	Test method	SOUND CONTROL ⁺
Density	g/cm ³	DIN 53479	1.06
Specific heat	J/gK	ISO 11357-4	1.85
Tensile strength	N/mm ²	EN ISO 527-3	> 20
Elongation at break	%	EN ISO 527-3	> 250
Adhesion	–	Pummel	3-5
Thermal expansion coefficient	1/K	ISO 11359-2	2.2 x 10 ⁻⁴
Thermal conductivity	W/mK	DIN EN 12664	0.2

LIGHT TRANSMITTANCE DATA*

Properties	SOUND CONTROL ⁺ [%]
Light transmittance	> 89
Light reflectance	8.4
Energy transmittance	77
Reflectance	7.5
Light absorption	15
UV transmittance	< 0.25
Solar factor (g-value)	81

* LSG 2 x 2 mm float glass



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