



Pane 1	PLANICLEAR (3 mm) PVB standard (2 x 0.38 mm) PLANICLEAR (3 mm)
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Cavity 1	ARGON (90%) / AIR (10%) / 18 mm
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Pane 2	PLANITHERM TOTAL+ FG PLANICLEAR (4 mm)
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HYTHERM SECURITY

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LUMINOUS FACTORS

CIE (15-2004)

Light transmission (TL %)	78.6 %
Outdoor reflection (RLe %)	13.0 %
Indoor (RLi %)	13.2 %



SOLAR FACTORS

EN410 (2011-04)

Solar factor (g)	0.6547
Shading Coefficient (SC)	0.7526



COLOR RENDERING

CIE (15-2004)

Transmission (Ra)	98.7
Reflection (Ra)	89.9



BURGLAR RESIST

EN356

Result :	P1A/NPD
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CARBON FOOTPRINT

EN15804+A2

Global warming potential 'GWP' 48 Kg(CO2)/m² (A1-A3)



ENERGY FACTORS

EN410 (2011-04)

Transmission (Te)	57.6 %
Reflection (Ree)	17.5 %
Indoor (Rei)	21.1 %
Absorption (AE1)	16.5 %
Absorption (AE2)	8.4 %



THERMAL TRANSMISSION

EN673 (2011-04)

Ug	1.197 W/m ² .K
0° related to vertical position	



MANUFACTURING SIZES

Nominal thickness	28.8 mm
Weight	25.8 kg/m ²



PENDULUM RESISTANCE

EN12600

Result :	1B1/NPD
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ACOUSTICS

EN12758

Acoustic simulated values - v2.0	Rw(C;Ctr) = 37(-2;-6) dB
OITC (ASTM E1332)	29
STC (ASTM E413)	37