



Pane 1	PLANICLEAR (4 mm)
Cavity 1	ARGON (90%) / AIR (10%) / 12 mm
Pane 2	PLANITHERM TOTAL+ FG PLANICLEAR (4 mm)
Cavity 2	ARGON (90%) / AIR (10%) / 12 mm
Pane 3	PLANITHERM TOTAL+ FG PLANICLEAR (4 mm)

4MM CLEAR - 12MM ARGON FILLED CAVITY - 4MM PLANITHERM TOTAL PLUS - 12MM ARGON FILLED CAVITY - 4MM PLANITHERM TOTAL PLUS

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LUMINOUS FACTORS

CIE (15-2004)

Light transmission (TL %)	69.4 %
Outdoor reflection (RLe %)	16.9 %
Indoor (RLi %)	17.1 %



SOLAR FACTORS

EN410 (2011-04)

Solar factor (g)	0.6049
Shading Coefficient (SC)	0.6952



COLOR RENDERING

CIE (15-2004)

Transmission (Ra)	98.3
Reflection (Ra)	87.1



BURGLAR RESIST

EN356

Result :	NPD
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CARBON FOOTPRINT

EN15804+A2

Global warming potential 'GWP' 51 Kg(CO2)/m² (A1-A3)



ENERGY FACTORS

EN410 (2011-04)

Transmission (Te)	48.7 %
Reflection (Ree)	26.4 %
Indoor (Rei)	25.6 %
Absorption (AE1)	6.5 %
Absorption (AE2)	11.6 %
Absorption (AE3)	6.9 %



THERMAL TRANSMISSION

EN673 (2011-04)

Ug	0.761 W/m ² .K
0° related to vertical position	



MANUFACTURING SIZES

Nominal thickness	36.0 mm
Weight	30.0 kg/m ²



PENDULUM RESISTANCE

EN12600

Result :	NPD
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ACOUSTICS

EN12758

Acoustic values according to EN 12758 and from notified body -	Rw(C;Ctr) = 32(-1;-5) dB
OITC (ASTM E1332)	N/A
STC (ASTM E413)	N/A