



Pane 1	PLANICLEAR (4 mm)
Cavity 1	ARGON (90%) / AIR (10%) / 8 mm
Pane 2	PLANICLEAR (4 mm)
Cavity 2	ARGON (90%) / AIR (10%) / 8 mm
Pane 3	PLANITHERM TOTAL+ FG PLANICLEAR (4 mm)

4MM CLEAR - 8MM ARGON FILLED CAVITY - 4MM CLEAR - 8MM ARGON FILLED CAVITY - 4MM PLANITHERM TOTAL PLUS

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LUMINOUS FACTORS

CIE (15-2004)

Light transmission (TL %)	72.5 %
Outdoor reflection (RLe %)	19.1 %
Indoor (RLi %)	18.4 %



SOLAR FACTORS

EN410 (2011-04)

Solar factor (g)	0.6417
Shading Coefficient (SC)	0.7376



COLOR RENDERING

CIE (15-2004)

Transmission (Ra)	98.5
Reflection (Ra)	93.2



BURGLAR RESIST

EN356

Result :	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)	55.1 %
Reflection (Ree)	24.8 %
Indoor (Rei)	24.7 %
Absorption (AE1)	6.3 %
Absorption (AE2)	5.1 %
Absorption (AE3)	8.8 %



THERMAL TRANSMISSION

EN673 (2011-04)

Ug	1.332 W/m².K
0° related to vertical position	



MANUFACTURING SIZES

Nominal thickness	28.0 mm
Weight	30.0 kg/m²



PENDULUM RESISTANCE

EN12600

Result :	NPD
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ACOUSTICS

EN12758

Acoustic simulated values - v1.0	Rw(C;Ctr) = 27(-1;-3) dB
OITC (ASTM E1332)	23
STC (ASTM E413)	27