



Pane 1	PLANICLEAR (4 mm)
Cavity 1	ARGON (90%) / AIR (10%) / 16 mm
Pane 2	PLANITHERM ONE II PLANICLEAR (4 mm)
Cavity 2	ARGON (90%) / AIR (10%) / 16 mm
Pane 3	PLANITHERM ONE II PLANICLEAR (4 mm)

HYTHERM ULTIMATE (TRIPLE GLAZED 44MM)

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## LUMINOUS FACTORS

CIE (15-2004)

Light transmission (TL %)	56.8 %
Outdoor reflection (RLe %)	30.7 %
Indoor (RLi %)	32.3 %



## SOLAR FACTORS

EN410 (2011-04)

Solar factor (g)	0.4116
Shading Coefficient (SC)	0.4731



## COLOR RENDERING

CIE (15-2004)

Transmission (Ra)	96.0
Reflection (Ra)	94.6



## BURGLAR RESIST

EN356

Result :	NPD
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## CARBON FOOTPRINT

EN15804+A2

Global warming potential 'GWP' 53 Kg(CO2)/m<sup>2</sup> (A1-A3)



## ENERGY FACTORS

EN410 (2011-04)

Transmission (Te)	32.8 %
Reflection (Ree)	46.2 %
Indoor (Rei)	45 %
Absorption (AE1)	7.8 %
Absorption (AE2)	9.2 %
Absorption (AE3)	4.1 %



## THERMAL TRANSMISSION

EN673 (2011-04)

Ug	0.526 W/m <sup>2</sup> .K
0° related to vertical position	



## MANUFACTURING SIZES

Nominal thickness	44.0 mm
Weight	30.0 kg/m <sup>2</sup>



## 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