



Pane 1	PLANICLEAR (4 mm)
Cavity 1	ARGON (90%) / AIR (10%) / 20 mm
Pane 2	PLANITHERM ONE II PLANICLEAR (4 mm)

HYTHERM EXTRA

Glasscraft Decorative Ltd

Jonathan Hewitt

jonathan.hewitt@glasscraftglass.com



LUMINOUS FACTORS

CIE (15-2004)

Light transmission (TL %)	70.8 %
Outdoor reflection (RLe %)	22.0 %
Indoor (RLi %)	23.0 %



SOLAR FACTORS

EN410 (2011-04)

Solar factor (g)	0.5316
Shading Coefficient (SC)	0.6111



COLOR RENDERING

CIE (15-2004)

Transmission (Ra)	97.7
Reflection (Ra)	94.9



BURGLAR RESIST

EN356

Result :	NPD
----------	-----



CARBON FOOTPRINT

EN15804+A2

Global warming potential 'GWP' 34 Kg(CO2)/m² (A1-A3)



ENERGY FACTORS

EN410 (2011-04)

Transmission (Te)	47 %
Reflection (Ree)	38.8 %
Indoor (Rei)	37.7 %
Absorption (AE1)	7.4 %
Absorption (AE2)	6.8 %



THERMAL TRANSMISSION

EN673 (2011-04)

Ug	1.068 W/m ² .K
0° related to vertical position	



MANUFACTURING SIZES

Nominal thickness	28.0 mm
Weight	20.0 kg/m ²



PENDULUM RESISTANCE

EN12600

Result :	NPD
----------	-----



ACOUSTICS

EN12758

Acoustic simulated values - v2.0	Rw(C;Ctr) = 33(-1;-5) dB
OITC (ASTM E1332)	26
STC (ASTM E413)	34