





Pane 1	PLANICLEAR (4 mm)	
Cavity 1	ARGON (90%) / AIR (10%) / 12 mm	
Pane 2	PLANITHERM ONE II PLANICLEAR (4 mm)	
Cavity 2	ARGON (90%) / AIR (10%) / 12 mm	
Pane 3	PLANITHERM ONE II PLANICLEAR (4 mm)	

4MM CLEAR - 12MM ARGON FILLED CAVITY - 4MM PLANITHERM ONE -12MM ARGON FILLED CAVITY - 4MM PLANITHERM ONE

Glasscraft Decorative Ltd

Jonathan Hewitt

jonathan.hewitt@glasscraftglass.com

<u>`</u> ``	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)	0.4107	
	Shading Coefficient (SC)	0.4720	
	COLOR RENDERING	CIE (15-2004)	
<b>N</b>	Transmission (Ra)	96.0	
	Reflection (Ra)	94.6	
$\cap$	BURGLAR RESIST	EN356	
	Result :	NPD	
	Result.	וורט	
	CARBON	EN15804+A2	
<b>V</b>	FOOTPRINT		
	Global warming potential 'GWP' 51 Kg(CO2)/m <sup>2</sup>		

(A1-A3)

4	ENERGY FACTORS	EN410 (2011-04)
V	Transmission (Te)	32.8 %
	Reflection (Ree)	46.2 %
	Indoor (Rei)	45 %
	Absorption (AE1)	7.8 %
	Absorption (AE2)	9.2 %
	Absorption (AE3)	4.1 %
UE	THERMAL	EN673 (2011-04)
6	TRANSMISSION	
	Ug	0.672 W/m².K
	0° related to vertical position	0.072 11/11 .10
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E	MANUFACTURING	
	SIZES	
	Nominal thickness	36.0 mm
	Weight	30.0 kg/m <sup>2</sup>
	Weight	50.0 kg/m
$\mathbf{X}$	PENDULUM	EN12600
	RESISTANCE	
	Result :	NPD
	ACOUSTICS	EN12758
マリ	Acoustic values according to	Rw(C;Ctr) = 32(-1;-5) dB
	EN 12758 and from notified	κw(υ,υπ) - 32(-1,-3) UB

N/A

N/A

ng star

EN 410 EN 673

nply with the fol international standard ISO9050. the Japanese standard JIS R 3106/3107 and the Korean standard KS L 2514/2525. The functional output and calculation rules of Calumen for standards EN 410 and EN 673 have

body -

OITC (ASTM E1332)

STC (ASTM E413)

: the European standards EN 410 and EN 673, the

international standard ISO9050, the Japanese standard JIS R 3106/310/ and the Korean standard KS L 2514/2525. The functional output and calculation rules of Calumen for standards EN 410 and EN 6/3 hav been validated by TÜV Rheinland (report 89212153-01). The technical performances obtained according to these standards are provided for information only and are subject to amendment. Only the values entered in the performance declaration available on the CE marking site of Saint-Gobain Glass are official. The sound attenuation indices are measured under laboratory conditions according to the standards EN ISO 10140 and EN 12758. The calculated indices are provided for information only. The accuracy for Rw index lies within a range of +/-2dB. The glass thickness calculations comply with the 2012 version of the DTU39-P4 description. The USER is responsible for ensuring that the correct calculation hypotheses are entered and the DTU39 is applied appropriately for the project concerned.