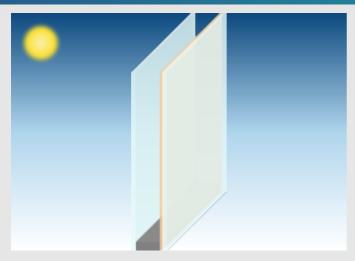


Calumen III 1.25 Monday, January 20, 2025



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

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<u>-ÿ</u> :-	LUMINOUS FACTORS	CIE (15-2004)	
	Light transmission (TL %)	70.8 %	
	Outdoor reflection (RLe %)	22.0 %	
	Indoor (RLi %)	23.0 %	
-`\	SOLAR FACTORS	EN410 (2011-04)	
11	Solar factor (g)	0.5316	
	Shading Coefficient (SC)	0.6111	
	COLOR RENDERING	CIE (15-2004)	
KIN	Transmission (Ra)	97.7	
	Reflection (Ra)	94.9	
$\mathbf{\cap}$	BURGLAR RESIST	EN356	
•	Result :	NPD	
	CARBON FOOTPRINT	EN15804+A2	
	Global warming potential 'GWP' 34 Kg(CO2)/m ²		

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

Д	ENERGY FACTORS	EN410 (2011-04)
V	Transmission (Te)	47 %
	Reflection (Ree)	38.8 %
	Indoor (Rei)	37.7 %
	Absorption (AE1)	7.4 %
	Absorption (AE2)	6.8 %
ີທ=	THERMAL	EN673 (2011-04)
—	TRANSMISSION	
Ŭ		
	Ug	1.068 W/m².K
	0° related to vertical position	
E	MANUFACTURING	
	SIZES	
	Nominal thickness	28.0 mm
	Weight	20.0 kg/m²
	PENDULUM	EN12600
	RESISTANCE	
	Result :	NPD
1	ACOUSTICS	EN12758
マ ツ	Acoustic simulated values -	Rw(C:Ctr) = 33(-1:-5) dB
/	ACOUSTIC SITTUIATED VAILLES -	rwio.uli – ssi-isi ud

Acoustic simulated values v2.0 OITC (ASTM E1332) STC (ASTM E413)

Rw(C;Ctr) = 33(-1;-5) dB

: the European standards EN 410 and EN 673, the

26

34

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TÜVRheinland CERTIFIED 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 been validated by TUV 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.