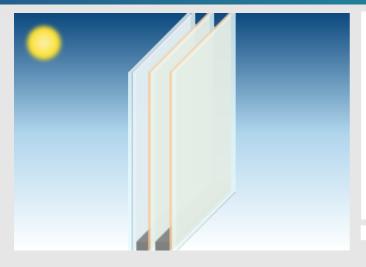


## regency glass

Calumen III 1.17 Thursday, February 25, 2021



Pane 1	PLANICLEAR (3 mm) PVB standard (2 x 0.38 mm) PLANICLEAR (3 mm)
Cavity 1	ARGON (90%) / AIR (10%) / 10 mm
Pane 2	PLANITHERM TOTAL+ FG PLANICLEAR (4 mm)
Cavity 2	ARGON (90%) / AIR (10%) / 12 mm
Pane 3	PLANITHERM TOTAL+ FG PLANICLEAR (4 mm)

Regency Glass Ltd Steven Massey

stevemassey@regencyglass.co.uk

- <u>`</u> Q	LUMINOUS FACTORS	CIE (15-2004)	4	ENERGY Transmission
	Light transmission (TL %)	69 %		Reflection (R
	Outdoor reflection (RLe %)	16 %		Indoor (Rei)
	Indoor (RLi %)	15 %		Absorption (A Absorption (A
-0-	SOLAR FACTORS	EN410 (2011-04)		Absorption (A
NTN.	Solar factor (g)	0.57	<b>N</b> =	THERMA
	Shading Coefficient (SC)	0.66		TRANSM
	COLOR RENDERING	CIE (15-2004)		Ug
<b>KIN</b>	Transmission (Ra)	98.2		0° related to
	Reflection (Ra)	87.0	E	MANUFA
$\mathbf{\Box}$	BURGLAR RESIST	EN356		SIZES
•	Result :	P1A/NPD/NPD		Nominal thicl Weight
				PENDUL

4	ENERGY FACTORS	EN410 (2011-04)
	Transmission (Te)	48 %
	Reflection (Ree)	20 %
	Indoor (Rei)	25 %
	Absorption (AE1)	18 %
	Absorption (AE2) Absorption (AE3)	9 % 6 %
	Absolption (ALS)	0 %
]=	THERMAL	EN673 (2011-04)
5	TRANSMISSION	
	Ug	0.8 W/m².K
	0° related to vertical position	0.0 W/III .IX
	- · · · · · · · · · · · · · · · · · · ·	
	MANUFACTURING	
	SIZES	
	Nominal thickness	36.8 mm
	Weight	36 kg/m²
$\sum$	PENDULUM	EN12600
=0	RESISTANCE	
	Result :	1B1/NPD/NPD
)))	ACOUSTICS	EN12758
1	Acoustic simulated values -	Rw(C;Ctr) = 34(-1;-5) dB
	v1.0	24
	OITC (ASTM E1332)	34

27



n III calculates the pl

s which comply with the following standards: the European standards EN 410 and EN 673, the Calumen III calculates the photometric characteristics and thermal transmission of glass using calculation algorithms which comply with the following standards: the European standards EN 410 and EN 673, the 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 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 11923R-11-33705). 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.

STC (ASTM E413)