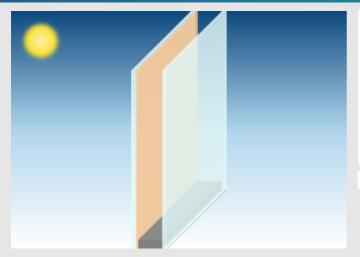


Calumen III 1.25 Monday, January 20, 2025



Pane 1	PLANICLEAR (4 mm) COOL-LITE SKN 176
Cavity 1	ARGON (90%) / AIR (10%) / 20 mm
Pane 2	PLANICLEAR (4 mm)

HYTHERM SOLAR

Glasscraft Decorative Ltd

Jonathan Hewitt

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<u>-ÿ</u> -	LUMINOUS FACTORS	CIE (15-2004)	
	Light transmission (TL %)	70.4 %	
	Outdoor reflection (RLe %)	13.1 %	
	Indoor (RLi %)	15.0 %	
-0-	SOLAR FACTORS	EN410 (2011-04)	
11	Solar factor (g)	0.3734	
	Shading Coefficient (SC)	0.4292	
	COLOR RENDERING	CIE (15-2004)	
	Transmission (Ra)	96.4	
	Reflection (Ra)	84.3	
$\mathbf{\frown}$	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)

	EN1410 (2011 04)
ENERGY FACTORS	EN410 (2011-04)
Transmission (Te)	35.5 %
Reflection (Ree)	39.6 %
Indoor (Rei)	41.7 %
Absorption (AE1)	24 %
Absorption (AE2)	0.9 %
	EN673 (2011-04)
IRANSMISSION	
Ug	1.067 W/m².K
0° related to vertical position	
MANUFACTURING	
SIZES	
Nominal thickness	28.0 mm
Weight	20.0 kg/m²
PENDULUM	EN12600
RESISTANCE	
Result .	NPD
Neount.	
ACOUSTICS	EN12758
	Rw(C;Ctr) = 33(-1;-5) dB
v2.0	
	Reflection (Ree) Indoor (Rei) Absorption (AE1) Absorption (AE2) THERMAL TRANSMISSION Ug 0° related to vertical position MANUFACTURING SIZES Nominal thickness Weight PENDULUM RESISTANCE Result : ACOUSTICS Acoustic simulated values -

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34

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OITC (ASTM E1332)

STC (ASTM E413)

EN 410 EN 673

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 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.