

Calumen III 1.29 Wednesday, March 19, 2025

Pane 1

PLANICLEAR (6 mm) COOL-LITE SKN 154 PVB standard (2 x 0,38 mm) PLANICLEAR (6 mm)

Foster + Partner - Sample 18 LSG 66.2 with Cool-Lite SKN 154 #2 against PVB

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<u>-`ģ</u> `-	LUMINOUS FACTORS	CIE015:2018	4	ENERGY FACTORS Transmission (Te)	EN410:2011 24 %
	Light transmission (TL %)	49 %		Reflection (Ree)	40 %
	Cut door reflection (RL e %) = 22%	22 %		Indoor (Rei)	41 %
	Indoor (RLi %)	25 %		Absorption (AE1)	36 %
<u>``</u> .	SOLAR FACTORS	EN410:2011	Ĩ	THERMAL	EN673:2011
	Solar factor (g)	0,33 (solar heat gain coefficient)		IRANSMISSION	
	Shading Coefficient (SC)	0,38		Ug	5,4 W/m².K
				0° related to vertical position	
	EMISSIVITIES		FI		
	Normal emissivity side 1	0,89		MANUFACTURING	
	Normal emissivity side 2	0,89		SIZES	
	COLOR RENDERING	CIE015:2018		Nominal thickness Weight	12,8 mm 31 kg/m²
	Transmission (Ra)	92,0			
	Reflection (Ra)	82,5			



CARBON FOOTPRINT EN15804:2012+A2:2019

Global warming potential 'GWP' 41 Kg(CO2)/m² (A1-A3)

EN 410 EN 673

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.

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