

## Calumen III 1.29 Wednesday, March 19, 2025

Pane 1

PLANICLEAR (6 mm) COOL-LITE SKN 165 PVB standard (2 x 0,38 mm) PLANICLEAR (6 mm)

Foster + Partner - Sample 17 LSG 66.2 with Cool-Lite SKN 165 #2 against PVB

vandaglas Eckelt GmbH application engineering Karl Seiringer Resthofstraße 18 4400 Steyr Austria +43 7252 894 1116 karl.seiringer@vandaglas.at

- <u>`</u> Ġ <u></u> -	LUMINOUS FACTORS	CIE015:2018	4	ENERGY FACTORS Transmission (Te)	EN410:2011 28 %
	Light transmission (TL %)	58 %		Reflection (Ree)	35 %
	Outdoor reflection (RLe %)	21 %		Indoor (Rei)	39 %
	Indoor (RLi %)	22 %		Absorption (AE1)	38 %
	SOLAR FACTORS	EN410:2011	Ē	THERMAL	EN673:2011
	Solar factor (g)	0,37 (solar heat gain coefficient)		TRANSMISSION	
	Shading Coefficient (SC)	0,42		Ug	5,4 W/m².K
				0° related to vertical position	
	EMISSIVITIES		_		
	Normal emissivity side 1	0,89		MANUFACTURING	
	Normal emissivity side 2	0,89	E	SIZES	
	COLOR RENDERING	CIE015:2018		Nominal thickness	12,8 mm
				Weight	31 kg/m²
	Transmission (Ra)	93,1			
	Reflection (Ra)	79,3			



CARBON FOOTPRINT EN15804:2012+A2:2019

Global warming potential 'GWP' 41 Kg(CO2)/m<sup>2</sup> (A1-A3)

TÜVRheinland CERTIFIED

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.

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

of glass us

ich comply with the follo

ing standards: the European standards EN 410 and EN 673, the