

## Calumen III 1.16. Monday, January 18, 2021

	•				(4 mm) Annealed Float -LITE SKN 165
			Cav	ity 1 ARGON (90%	) / AIR (10%) / 18 mm
		Pane 2 PLANICLEAR (4 mm) Annealed Float			
		Cavity 2 ARGON (90%)		) / AIR (10%) / 18 mm	
				NITHERM XN 4 mm) Annealed Float	
LA VENECIANA ALBERTO CIMAS					
alberto.cimas@saint-gobain.com					
\ <u>\</u>	LUMINOUS	CIE (15-2004)	Λ	ENERGY FACTORS	EN410 (2011-04)
-쟌-	FACTORS		47	Transmission (Te)	28,2 %
	Light transmission (TL %)	55,8 %		Reflection (Ree) Indoor (Rei)	39,9 % 40,7 %
	Outdoor reflection (RLe %) Indoor (RLi %)	<sup>18,2</sup> [% 19,8 % VT		Absorption (AE1)	28,3 %
				Absorption (AE2)	1,1 %
-0-	SOLAR FACTORS	EN410 (2011-04)		Absorption (AE3)	2,5 %
	Solar factor (g) Shading Coefficient (SC)	(0,3170 - SHGC Va	ue IIE	THERMAL	EN673 (2011-04)
			۲	TRANSMISSION	
	COLOR RENDERING			Ug 0° related to vertical position	0,499 W/m².K
	Transmission (Ra) Reflection (Ra)	92,8 82,6	_		
				MANUFACTURING	
	BURGLAR RESIST	EN356	Ē	SIZES U g	=.087
	Result :	NPD		Nominal thickness Weight	48,0 mm 30,0 kg/m²
				weight	30,0 kg/11
				PENDULUM	EN12600
				RESISTANCE	
				Result :	NPD
				ACOUSTICS	EN12758
			<b>~</b> ″	Acoustic values according to EN 12758 and from notified	Rw(C;Ctr) = 32(-1;-5) dB

Verified Results EN 410 EN 673 Www.tuv.com www.tuv.com www.tuv.com 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 been validated by TÜV Rheinland (report 11923R-11-33706). 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 150 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.

body

EN 12758 and from notified