



				Glazing 1	PLANICLEAR 3 mm PVB STANDARD 0.38 mm PLANICLEAR 3 mm
Last name: Rolloplast Agiannidis Country: Greece			Notes: Example for www.rolloplast.gr		
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-Q-	LUMINOUS FACTORS	EN410 (2011-04)	4	ENERGY FACTORS	EN410 (2011-04)
	Light Transmittance (TL) Outdoor Reflectance (RLe)	90 % 8 %		Transmittance (TE) Outdoor Reflectance (Ree)	80 % 7 %
	Indoor Reflectance (RLi)	8 %	×	Indoor Reflectance (Rei)	7 %
¶≡	THERMAL TRANSMISSION	EN673-2011		Absorptance A1 (AE1)	13 %
	Ug	5.6 W/(m².K)		SOLAR FACTORS	EN410 (2011-04)
	Angle relative to the vertical	0 °		Solar Factor (g)	0.83
	MANUFACTURING SIZES			Shading Coefficient (SC)	0.95
	Nominal Thickness	6.38 mm	٢	COLOR RENDERING	
	Weight	15.4 kg/m²		Transmission (Ra) Reflection (Ra)	99 98
(ه	ACOUSTICS	EN 12758	~		
	Acoustic values according to EN 12758		y 🔒	ANTI-BURGLARY	EN 356
	Rw (C;Ctr) STC (ASTM E413)	33 (-1; -2) dB N/A		Burglar Resistance	NPD
	OITC (ASTM E1332)	N/A			
\bigcirc	SAFETY CLASS	EN 12600			
	Pendulum Body Resistance	2B2			



Calumen 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-11-33705). 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.