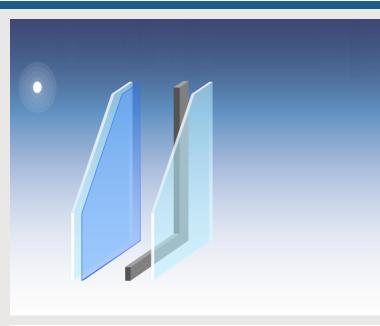


CalumenLive Saturday, August 6, 2022



Glazing 1	PLANICLEAR 4 mm PLANITHERM 4S EVOLUTION
Cavity 1	ARGON 90% 16 mm
Glazing 2	PLANICLEAR 4 mm

Last name: Dusica Stojiljkov Country: Serbia

÷\$;-	LUMINOUS FACTORS	EN410 (2011-04)
	Light Transmittance (TL) Outdoor Reflectance (RLe) Indoor Reflectance (RLi)	61 % 22 % 26 %
 ∎	THERMAL TRANSMISSION	EN673-2011
	Ug Angle relative to the vertical	1.0 W/(m².K) 0 °
8	MANUFACTURING SIZES	
	Nominal Thickness Weight	24.00 mm 20.0 kg/m²
(ه	ACOUSTICS	EN 12758
	Acoustic values according to EN 12758 Rw (C;Ctr) STC (ASTM E413) OITC (ASTM E1332)	and from notified body 31 (-1; -4) dB N/A N/A
٢	SAFETY CLASS	EN 12600
	Pendulum Body Resistance	NPD

Notes:

4	ENERGY FACTORS	EN410 (2011-04)
	Transmittance (TE) Outdoor Reflectance (Ree) Indoor Reflectance (Rei) Absorptance A1 (AE1) Absorptance A2 (AE2)	37 % 38 % 42 % 23 % 1 %
淡	SOLAR FACTORS	EN410 (2011-04)
	Solar Factor (g) Shading Coefficient (SC)	0.39 0.45
۲	COLOR RENDERING	
	Transmission (Ra) Reflection (Ra)	97 98
â	ANTI-BURGLARY	EN 356
	Burglar Resistance	NPD
Ģ	CARBON FOOTPRINT	EN 15804+A2
	Global Warming Potential (GWP) (kg, CO ₂ equiv/m²) European average	32.92



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.