

4 (16 Argon 90) 4

Coating: PLANITHERM ONE #3

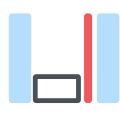
Computed by: Darius Vaitiekus

Computed on: 04/08/2025

Product catalog: Lithuania

Norms: EN410:2011

Glazing type


Glazing 1

- PLANICLEAR (4mm) - Annealed

Cavity 1

- Argon 90% 16 mm

Glazing 2

- PLANITHERM ONE
- PLANICLEAR (4mm) - Annealed

Illustrations Non-contractual renders



Simulated performance datas

	Luminous Factors	CIE015:2018
	Light Transmittance (TL)	71%
	Outdoor Reflectance (RLe)	22%
	Indoor Reflectance (RLi)	23%
	Energy Factors	EN410:2011
	Transmittance (TE)	45%
	UV (Tuv)	N/A
	Outdoor Reflectance (Ree)	40%
	Indoor Reflectance (Rei)	41%
	Absorptance A1 (AE1)	8%
	Absorptance A2 (AE2)	7%
	Solar Factors	EN410:2011
	Solar Factor (g)	0.52
	Shading Coefficient (SC)	0.60
	Thermal Transmission	EN673:2011
	Angle relative to the vertical	0°
	Ug	1.0 W/(m2.K)
	Acoustics	EN 12758
	<i>Acoustic measurement values according to EN 12758 and from notified body</i>	
	Rw (C;Ctr)	31 (-1; -4) dB
	Ra	30 dB
	Ra,tr	27 dB
	STC (ASTM E413)	N/A
	OITC (ASTM E1332)	N/A
	Color Rendering	CIE015:2018
	Transmission (Ra)	97.7
	Reflection (Ra)	96.6
	Safety Class	EN12600
	Pendulum Body Resistance	NPD
	Anti-Burglary	EN356
	Burglar Resistance	NPD
	Manufacturing Sizes	
	Nominal Thickness	24.0 mm
	Weight	20 kg/m²
	Sustainability	
	Carbon footprint	
	<i>The value is calculated regarding the composition computed based on the standard EN 15804+A2 (2019)</i>	
	Global Warming Potential (GWP) – A1-A3	EN 15804+A2 (2019)
	(kg, CO ₂ eq./m²) European average	33