

4 (20 Argon 90) 4 (20 Argon 90) 4

Coating: PLANITHERM ONE #2 / PLANITHERM ONE #5

Computed by: Darius Vaitiekus

Computed on: 04/08/2025

Product catalog: Lithuania

Norms: EN410:2011

Glazing type







Glazing 1

- PLANICLEAR (4mm) - Annealed
- PLANITHERM ONE



Cavity 1

- Argon 90% 20 mm



Glazing 2

- PLANICLEAR (4mm) - Annealed



Cavity 2

- Argon 90% 20 mm



Glazing 3

- PLANITHERM ONE
- PLANICLEAR (4mm) - Annealed

Simulated performance datas

	Luminous Factors	CIE015:2018
	Light Transmittance (TL)	57%
	Outdoor Reflectance (RLe)	32%
	Indoor Reflectance (RLi)	32%
	Energy Factors	EN410:2011
	Transmittance (TE)	31%
	UV (Tuv)	N/A
	Outdoor Reflectance (Ree)	48%
	Indoor Reflectance (Rei)	48%
	Absorptance A1 (AE1)	13%
	Absorptance A2 (AE2)	3%
	Absorptance A3 (AE3)	4%
	Solar Factors	EN410:2011
	Solar Factor (g)	0.37
	Shading Coefficient (SC)	0.43
	Thermal Transmission	EN673:2011
	Angle relative to the vertical	0°
	Ug	0.5 W/(m2.K)
	Acoustics	EN 12758
	<i>Acoustic simulated values</i>	
	Rw (C;Ctr)	34 (-2; -7) dB
	Ra	32 dB
	Ra,tr	27 dB
	STC (ASTM E413)	34
	OITC (ASTM E1332)	25
	Color Rendering	CIE015:2018
	Transmission (Ra)	96.1
	Reflection (Ra)	97.2
	Safety Class	EN12600
	Pendulum Body Resistance	NPD
	Anti-Burglary	EN356
	Burglar Resistance	NPD
	Manufacturing Sizes	
	Nominal Thickness	52.0 mm
	Weight	30 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	55

Illustrations Non-contractual renders

