

33.2 (18 Argon 90) 4

Coating: PLANITHERM TOTAL+ FG #5

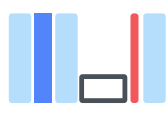
Computed by: Andrew Parker

Computed on: 12/11/2024

Product catalog: United Kingdom

Norms: EN410 (2011-04)

Glazing type


Glazing 1

PLANICLEAR (3mm) - Annealed
PVB STANDARD (0.76mm)
PLANICLEAR (3mm) - Annealed

Cavity 1

Argon 90% 18 mm

Glazing 2

PLANITHERM TOTAL+ FG
PLANICLEAR (4mm) - Annealed

Simulated performance datas

	Luminous Factors	CIE (15-2004)
	Light Transmittance (TL)	78%
	Outdoor Reflectance (RLe)	13%
	Indoor Reflectance (RLi)	13%
	Energy Factors	EN410 (2011-04)
	Transmittance (TE)	58%
	Outdoor Reflectance (Ree)	17%
	Indoor Reflectance (Rei)	21%
	Absorptance A1 (AE1)	16%
	Absorptance A2 (AE2)	8%
	Solar Factors	EN410 (2011-04)
	Solar Factor (g)	0.66
	Shading Coefficient (SC)	0.76
	Thermal Transmission	EN673-2011
	Ug	1.2 W/(m2.K)
	Angle relative to the vertical	0°
	Acoustics	EN 12758
	<i>Acoustic simulated values</i>	
	Rw (C;Ctr)	37 (-2; -6) dB
	Ra	35 dB
	Ra,tr	31 dB
	STC (ASTM E413)	37
	OITC (ASTM E1332)	29
	Color Rendering	CIE (15-2004)
	Transmission (Ra)	98.7
	Reflection (Ra)	92
	Safety Class	EN 12600
	Pendulum Body Resistance	1B1/NPD
	Anti-Burglary	EN 356
	Burglar Resistance	P1A/NPD
	Manufacturing Sizes	
	Nominal Thickness	28.8 mm
	Weight	26 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	47