

4 (10 Argon 90) 4 (10 Argon 90) 4

Coating: PLANITHERM ONE T FG #3 / PLANITHERM ONE T FG #5

Computed by: VEKA Technical

Computed on: 10/10/2025

Product catalog: United Kingdom

Norms: EN410:2011

Glazing type





Glazing 1

- PLANICLEAR (4mm) - Annealed

Cavity 1

- Argon 90% 10 mm

Glazing 2

- PLANITHERM ONE T FG
- PLANICLEAR (4mm) - Annealed

Cavity 2

- Argon 90% 10 mm

Glazing 3

- PLANITHERM ONE T FG
- PLANICLEAR (4mm) - Annealed

Simulated performance datas

 Luminous Factors	CIE015:2018
Light Transmittance (TL)	51.4%
Outdoor Reflectance (RLe)	34.5%
Indoor Reflectance (RLi)	34.5%
 Energy Factors	EN410:2011
Transmittance (TE)	28.3%
UV (Tuv)	N/A
Outdoor Reflectance (Ree)	49.4%
Indoor Reflectance (Rei)	47.2%
Absorptance A1 (AE1)	7.9%
Absorptance A2 (AE2)	10.1%
Absorptance A3 (AE3)	4.2%
 Solar Factors	EN410:2011
Solar Factor (g)	0.370
Shading Coefficient (SC)	0.426
 Thermal Transmission	EN673:2011
Angle relative to the vertical	0°
Ug	0.783 W/(m2.K)
 Acoustics	EN 12758
<i>Acoustic simulated values</i>	
Rw (C;Ctr)	31 (-1; -4) dB
Ra	30 dB
Ra,tr	27 dB
STC (ASTM E413)	31
OITC (ASTM E1332)	25
 Color Rendering	CIE015:2018
Transmission (Ra)	94.8
Reflection (Ra)	95.6
 Safety Class	EN12600
Pendulum Body Resistance	NPD
 Anti-Burglary	EN356
Burglar Resistance	NPD
 Manufacturing Sizes	
Nominal Thickness	32.0 mm
Weight	30.0 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	50.1