

33.2 (18 Argon 90) 4

PLANITHERM TOTAL+ FG #5

Computed by: JOE THOMAS

Computed on: 30/11/2023

Location: 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 (Ug)		EN673-2011
Ug		1.2 W/(m2.K)
Angle relative to the vertical		0°
 Acoustics		EN 12758
<i>Acoustic simulated values</i>		
Rw		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		47
(kg, CO ₂ eq./m²) European average		