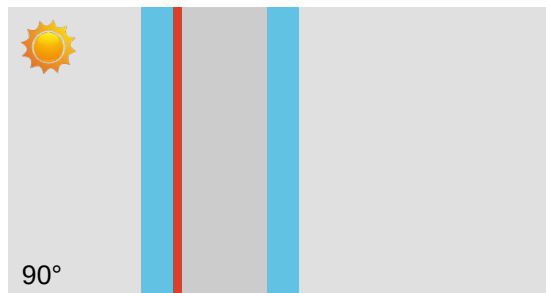


Project:

Location:

To:



Energy values

EN410/EN673

Ug Thermal Transmittance	1.0 W/m²K
g Solar Factor	27%
αtot Total Absorption	41%

Light Values

Tv Light Transmission	50%
pv External Light Reflection	19%
pv' Internal Light Reflection	20%
Ra General Color Rendering Index	92

Technical Data

↔ Thickness	28 mm
⚖ Weight	30 Kg/m²
🔊 Noise Reduction [Rw(C;Ctr)dB]	34(-2;-4)

Configuration (External -> Internal)

6mm | GT EUROFLOAT

#2 | PLK Suncool 50/25

16mm | Argon 94%

6mm | GT EUROFLOAT

gA-Report

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Username: VGI

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The version 1.0 of glassAdvisor has been verified by Stazione Sperimentale del Vetro and is compliant to EN673, EN410 and its Annex B.

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The extensive version of this gA-Report, with more than 20 figures illustrated, may be analyzed through tablet or smartphone using this QR code, or through a desktop computer clicking on the link below.

GENERAL INFORMATION

Standard	EN410/EN673
Glass Slope	90°
Thermal Transmittance	1.02 W/m²K
Weight	30 Kg/m²

LIGHT BEHAVIOR

Light Transmittance	Tv	50%
Light Reflectance External	pv	19%
Light Reflectance Internal	pv'	20%

SOLAR BEHAVIOR

Solar Factor	g	27%
Secondary Heat Transfer factor	qi	3%
Shading Coefficient	SC	31%
Solar Transmittance	Te	24%
Solar Reflectance	pe	35%
Absorption of Element 1	α_1	40%
Absorption of Element 2	α_2	1%
Absorption of Element 3	α_3	null%
Total Absorption	α_{tot}	41%

UV BEHAVIOR

UV Transmittance	Tuv	8%
Material (CIE) damage factor	SMPF	31%
Skin damage factor	SSPF	2%

SAFETY IN USE

EN12600 Resistance to impact Element 1	NPD
EN 356 Burglar Resistance Element 1	NPD
EN12600 Resistance to impact Element 2	NPD
EN 356 Burglar Resistance Element 2	NPD

COLOUR ANALYSIS

Calculation not allowed for configurations containing Guardian products