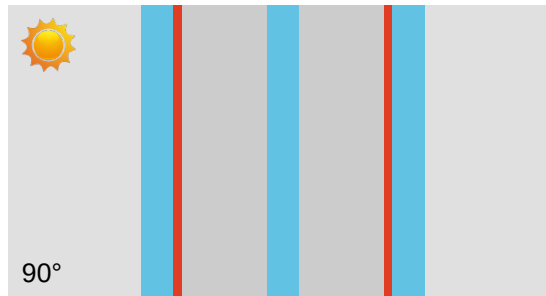


Project:

Location:

To:



Energy values

EN410/EN673

Ug Thermal Transmittance	0.5 W/m²K
g Solar Factor	24%
αtot Total Absorption	44%

Light Values

Tv Light Transmission	45%
p _v External Light Reflection	20%
p _v ' Internal Light Reflection	21%
Ra General Color Rendering Index	90

Technical Data

↔ Thickness	50 mm
⚖ Weight	45 Kg/m²
🔊 Noise Reduction [Rw(C;Ctr)dB]	35(-2;-6)

Configuration (External -> Internal)

6mm | GT EUROFLOAT

#2 | PLK Suncool 50/25

16mm | Argon 94%

6mm | GT EUROFLOAT

16mm | Argon 94%

#5 | GT EN2plus

6mm | GT EUROFLOAT

gA-Report

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Date: 8-6-2020

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	0.53 W/m²K	
Weight	45 Kg/m²	

LIGHT BEHAVIOR		
Light Transmittance	Tv	45%
Light Reflectance External	pv	20%
Light Reflectance Internal	pv'	21%

SOLAR BEHAVIOR		
Solar Factor	g	24%
Secondary Heat Transfer factor	qi	4%
Shading Coefficient	SC	28%
Solar Transmittance	Te	21%
Solar Reflectance	pe	36%
Absorption of Element 1	α1	40%
Absorption of Element 2	α2	1%
Absorption of Element 3	α3	2%
Total Absorption	αtot	44%

UV BEHAVIOR		
UV Transmittance	Tuv	4%
Material (CIE) damage factor	SMPF	27%
Skin damage factor	SSPF	1%

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	
EN12600 Resistance to impact Element 3	NPD	
EN 356 Burglar Resistance Element 3	NPD	

COLOUR ANALYSIS		
Calculation not allowed for configurations containing Guardian products		