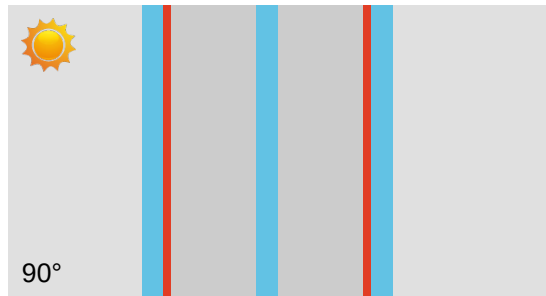


Project:

Location:

To:



Energy values

EN410/EN673

Ug Thermal Transmittance	0.6 W/m²K
g Solar Factor	17%
αtot Total Absorption	47%

Light Values

Tv Light Transmission	28%
p _v External Light Reflection	26%
p _v ' Internal Light Reflection	21%
Ra General Color Rendering Index	87

Technical Data

↔ Thickness	44 mm
⚖ Weight	30 Kg/m²
🔊 Noise Reduction [Rw(C;Ctr)dB]	33(-2;-5)

Configuration (External -> Internal)

4mm | GT EUROFLOAT

#2 | PLK Suncool 30/17

16mm | Argon 94%

4mm | GT EUROFLOAT

16mm | Argon 94%

#5 | GT EN2Plus

4mm | GT EUROFLOAT

gA-Report

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Date: 2-4-2020

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	0.55 W/m²K
Weight	30 Kg/m²

LIGHT BEHAVIOR

Light Transmittance	Tv	28%
Light Reflectance External	pv	26%
Light Reflectance Internal	pv'	21%

SOLAR BEHAVIOR

Solar Factor	g	17%
Secondary Heat Transfer factor	qi	3%
Shading Coefficient	SC	19%
Solar Transmittance	Te	14%
Solar Reflectance	pe	39%
Absorption of Element 1	α_1	45%
Absorption of Element 2	α_2	1%
Absorption of Element 3	α_3	1%
Total Absorption	α_{tot}	47%

UV BEHAVIOR

UV Transmittance	Tuv	4%
Material (CIE) damage factor	SMPF	20%
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

L coordinate Transmission	59.6
a coordinate Transmission	-5.9
b coordinate Transmission	-3.1
RGB Transmission	129,147,149
L coordinate Reflection	58.4
a coordinate Reflection	-3.6
b coordinate Reflection	-6.1
RGB Reflection	128,143,151

The color analysis is illustrative only and may slightly differ from in-situ characteristics. The boundary conditions such as wall color behind the façade, surrounding buildings and sky condition may lead to a different perception of colour in transmission and/or reflection. These colour parameters should not be used in prescription of glazing types for buildings.