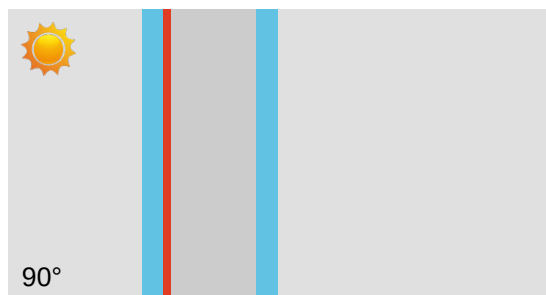


Project:

Location:

To:



Energy values

EN410/EN673

Ug Thermal Transmittance	1.1 W/m²K
g Solar Factor	19%
αtot Total Absorption	45%

Light Values

Tv Light Transmission	31%
pv External Light Reflection	26%
pv' Internal Light Reflection	20%
Ra General Color Rendering Index	89

Technical Data

↔ Thickness	24 mm
⚖ Weight	20 Kg/m²
🔊 Noise Reduction [Rw(C;Ctr)dB]	30(-1;-4)

Configuration (External -> Internal)

4mm | GT EUROFLOAT

#2 | PLK Suncool 30/17

16mm | Argon 94%

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	1.06 W/m²K
Weight	20 Kg/m²

LIGHT BEHAVIOR

Light Transmittance	Tv	31%
Light Reflectance External	pv	26%
Light Reflectance Internal	pv'	20%

SOLAR BEHAVIOR

Solar Factor	g	19%
Secondary Heat Transfer factor	qi	2%
Shading Coefficient	SC	21%
Solar Transmittance	Te	16%
Solar Reflectance	pe	38%
Absorption of Element 1	α_1	45%
Absorption of Element 2	α_2	1%
Absorption of Element 3	α_3	null%
Total Absorption	α_{tot}	45%

UV BEHAVIOR

UV Transmittance	Tuv	7%
Material (CIE) damage factor	SMPF	23%
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

L coordinate Transmission	62.1
a coordinate Transmission	-5.1
b coordinate Transmission	-3.6
RGB Transmission	137,153,156
L coordinate Reflection	58
a coordinate Reflection	-3.4
b coordinate Reflection	-6
RGB Reflection	127,142,150

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.