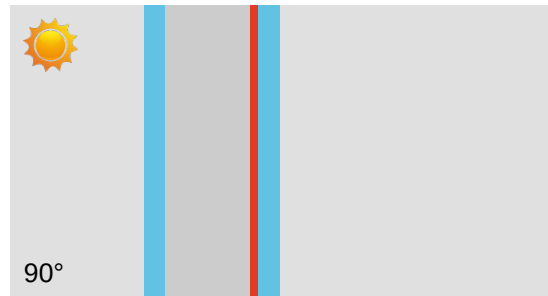


Project:
Location:
To:



gA-Report

No.: gA-60662-2020
gA version: 1.0
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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Energy values EN410/EN673

Ug Thermal Transmittance	1.1 W/m ² K
g Solar Factor	64%
αtot Total Absorption	19%

Light Values

Tv Light Transmission	82%
ρv External Light Reflection	12%
ρv' Internal Light Reflection	12%
Ra General Color Rendering Index	98

Technical Data

↔ Thickness	24 mm
⚖ Weight	20 Kg/m ²
🔊 Noise Reduction [Rw(C;Ctr)dB]	30(-1;-4)

Configuration (External -> Internal)

4mm		GT EUROFLOAT
16mm		Argon 94%
#3		GT EN2Plus
4mm		GT EUROFLOAT



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	1.10 W/m ² K
Weight	20 Kg/m ²

LIGHT BEHAVIOR

Light Transmittance	Tv	82%
Light Reflectance External	pv	12%
Light Reflectance Internal	pv'	12%

SOLAR BEHAVIOR

Solar Factor	g	64%
Secondary Heat Transfer factor	qi	9%
Shading Coefficient	SC	74%
Solar Transmittance	Te	56%
Solar Reflectance	pe	25%
Absorption of Element 1	α_1	9%
Absorption of Element 2	α_2	10%
Absorption of Element 3	α_3	null%
Total Absorption	α_{tot}	19%

UV BEHAVIOR

UV Transmittance	Tuv	30%
Material (CIE) damage factor	SMPF	63%
Skin damage factor	SSPF	9%

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	92.4
a coordinate Transmission	-2.4
b coordinate Transmission	0.6
RGB Transmission	229,234,232
L coordinate Reflection	41.1
a coordinate Reflection	-0.9
b coordinate Reflection	-0.5
RGB Reflection	95,97,98

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.