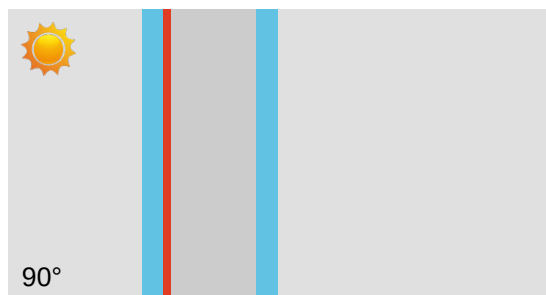


Project:

Location:

To:



Energy values

EN410/EN673

Ug Thermal Transmittance 1.0 W/m²K

g Solar Factor 34%

αtot Total Absorption 32%

Light Values

Tv Light Transmission 62%

pv External Light Reflection 14%

pv' Internal Light Reflection 13%

Ra General Color Rendering Index 96

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 | GT COMBI Neutral 61/32

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	1.02 W/m²K
Weight	20 Kg/m²

LIGHT BEHAVIOR

Light Transmittance	Tv	62%
Light Reflectance External	pv	14%
Light Reflectance Internal	pv'	13%

SOLAR BEHAVIOR

Solar Factor	g	34%
Secondary Heat Transfer factor	qi	2%
Shading Coefficient	SC	39%
Solar Transmittance	Te	32%
Solar Reflectance	pe	36%
Absorption of Element 1	α_1	31%
Absorption of Element 2	α_2	1%
Absorption of Element 3	α_3	null%
Total Absorption	α_{tot}	32%

UV BEHAVIOR

UV Transmittance	Tuv	5%
Material (CIE) damage factor	SMPF	37%
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	82.9
a coordinate Transmission	-5
b coordinate Transmission	4.3
RGB Transmission	200,209,198
L coordinate Reflection	44.6
a coordinate Reflection	-3.5
b coordinate Reflection	-11.8
RGB Reflection	87,108,125

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.