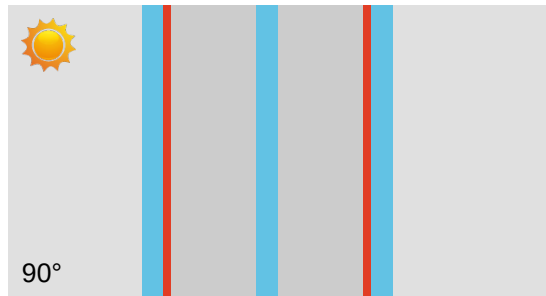


Project:

Location:

To:



Energy values

EN410/EN673

Ug Thermal Transmittance	0.5 W/m²K
g Solar Factor	27%
αtot Total Absorption	38%

Light Values

Tv Light Transmission	49%
p _v External Light Reflection	20%
p _v ' Internal Light Reflection	24%
Ra General Color Rendering Index	92

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 | GT COMBI Neutral 61/32

16mm | Argon 94%

4mm | GT EUROFLOAT

16mm | Argon 94%

#5 | GT ZERO

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	0.51 W/m²K
Weight	30 Kg/m²

LIGHT BEHAVIOR

Light Transmittance	Tv	49%
Light Reflectance External	pv	20%
Light Reflectance Internal	pv'	24%

SOLAR BEHAVIOR

Solar Factor	g	27%
Secondary Heat Transfer factor	qi	4%
Shading Coefficient	SC	31%
Solar Transmittance	Te	23%
Solar Reflectance	pe	39%
Absorption of Element 1	α_1	33%
Absorption of Element 2	α_2	2%
Absorption of Element 3	α_3	3%
Total Absorption	α_{tot}	38%

UV BEHAVIOR

UV Transmittance	Tuv	2%
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

L coordinate Transmission	75.5
a coordinate Transmission	-8.5
b coordinate Transmission	6.4
RGB Transmission	175,190,174
L coordinate Reflection	51.7
a coordinate Reflection	-1.2
b coordinate Reflection	-10.9
RGB Reflection	111,125,142

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.