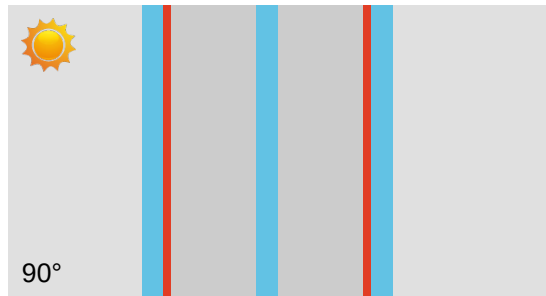


Project:

Location:

To:



Energy values

EN410/EN673

Ug Thermal Transmittance	0.5 W/m²K
g Solar Factor	30%
αtot Total Absorption	34%

Light Values

Tv Light Transmission	56%
p _v External Light Reflection	22%
p _v ' Internal Light Reflection	26%
Ra General Color Rendering Index	93

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 70/35

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	56%
Light Reflectance External	pv	22%
Light Reflectance Internal	pv'	26%

SOLAR BEHAVIOR

Solar Factor	g	30%
Secondary Heat Transfer factor	qi	5%
Shading Coefficient	SC	35%
Solar Transmittance	Te	26%
Solar Reflectance	pe	40%
Absorption of Element 1	α_1	29%
Absorption of Element 2	α_2	2%
Absorption of Element 3	α_3	3%
Total Absorption	α_{tot}	34%

UV BEHAVIOR

UV Transmittance	Tuv	4%
Material (CIE) damage factor	SMPF	33%
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
EN12600 Resistance to impact Element 3	NPD
EN 356 Burglar Resistance Element 3	NPD

COLOUR ANALYSIS

L coordinate Transmission	79.7
a coordinate Transmission	-7.6
b coordinate Transmission	7
RGB Transmission	188,201,184
L coordinate Reflection	53.9
a coordinate Reflection	-0.2
b coordinate Reflection	-9.5
RGB Reflection	120,130,145

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.