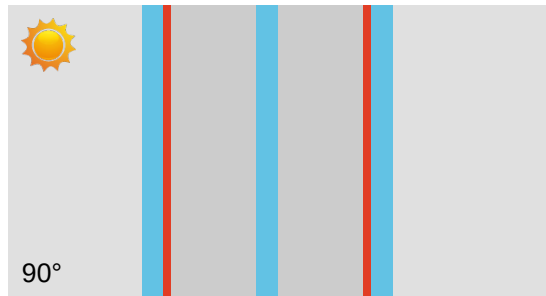


Project:

Location:

To:



Energy values

EN410/EN673

Ug Thermal Transmittance	0.5 W/m²K
g Solar Factor	35%
αtot Total Absorption	32%

Light Values

Tv Light Transmission	64%
p _v External Light Reflection	17%
p _v ' Internal Light Reflection	17%
Ra General Color Rendering Index	96

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 EN2Plus

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	0.54 W/m²K
Weight	30 Kg/m²

LIGHT BEHAVIOR

Light Transmittance	Tv	64%
Light Reflectance External	pv	17%
Light Reflectance Internal	pv'	17%

SOLAR BEHAVIOR

Solar Factor	g	35%
Secondary Heat Transfer factor	qi	4%
Shading Coefficient	SC	40%
Solar Transmittance	Te	31%
Solar Reflectance	pe	37%
Absorption of Element 1	α_1	28%
Absorption of Element 2	α_2	1%
Absorption of Element 3	α_3	3%
Total Absorption	α_{tot}	32%

UV BEHAVIOR

UV Transmittance	Tuv	6%
Material (CIE) damage factor	SMPF	39%
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	83.9
a coordinate Transmission	-4.9
b coordinate Transmission	4.7
RGB Transmission	203,212,200
L coordinate Reflection	48
a coordinate Reflection	-4.1
b coordinate Reflection	-8.9
RGB Reflection	98,117,129

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.