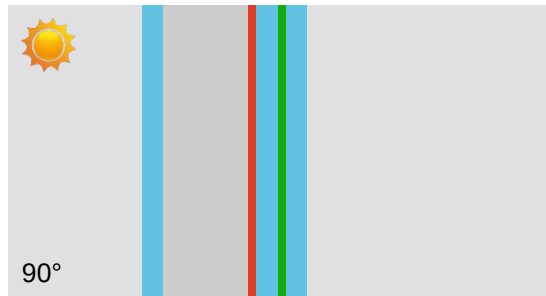


Project:

Location:

To:



### gA-Report

No.: gA-62043-2020

gA version: 1.0

Date: 22-4-2020

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 <sup>2</sup> K
g Solar Factor	64%
αtot Total Absorption	24%

### Light Values

Tv Light Transmission	80%
p <sub>v</sub> External Light Reflection	12%
p <sub>v</sub> ' Internal Light Reflection	11%
Ra General Color Rendering Index	97

### Technical Data

↔ Thickness	28.8 mm
⚖ Weight	31.9 Kg/m <sup>2</sup>
🔊 Noise Reduction [Rw(C;Ctr)dB]	36(-2;-5)

### Configuration (External -> Internal)

4mm | GT EUROFLOAT

16mm | Argon 94%

#3 | GT EN2Plus

4mm | GT EUROFLOAT

0.76mm | gA PVB

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	1.09 W/m <sup>2</sup> K
Weight	31.9 Kg/m <sup>2</sup>

## LIGHT BEHAVIOR

Light Transmittance	Tv	80%
Light Reflectance External	pv	12%
Light Reflectance Internal	pv'	11%

## SOLAR BEHAVIOR

Solar Factor	g	64%
Secondary Heat Transfer factor	qi	13%
Shading Coefficient	SC	73%
Solar Transmittance	Te	50%
Solar Reflectance	pe	25%
Absorption of Element 1	$\alpha_1$	9%
Absorption of Element 2	$\alpha_2$	15%
Absorption of Element 3	$\alpha_3$	null%
Total Absorption	$\alpha_{tot}$	24%

## UV BEHAVIOR

UV Transmittance	Tuv	0%
Material (CIE) damage factor	SMPF	51%
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	1B1
EN 356 Burglar Resistance Element 2	P2A

## COLOUR ANALYSIS

L coordinate Transmission	91.7
a coordinate Transmission	-3.8
b coordinate Transmission	1.5
RGB Transmission	225,233,228
L coordinate Reflection	40.9
a coordinate Reflection	-1.3
b coordinate Reflection	-0.3
RGB Reflection	94,97,97

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.