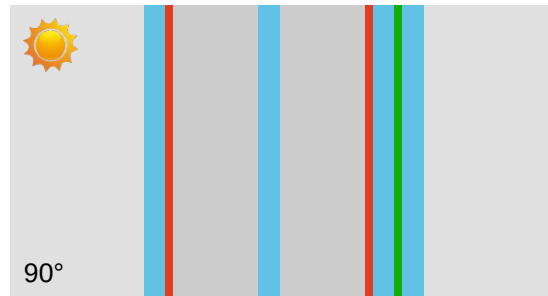


Project:  
Location:  
To:



**gA-Report**

No.: gA-62026-2020  
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	0.6 W/m²K
g Solar Factor	52%
atot Total Absorption	31%

**Light Values**

Tv Light Transmission	72%
pv External Light Reflection	14%
pv' Internal Light Reflection	14%
Ra General Color Rendering Index	95

**Technical Data**

↔ Thickness	48.8 mm
⚖ Weight	41.9 Kg/m²
🔊 Noise Reduction [Rw(C;Ctr)dB]	37(-2;-8)

**Configuration (External -> Internal)**



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	0.56 W/m <sup>2</sup> K
Weight	41.9 Kg/m <sup>2</sup>

## LIGHT BEHAVIOR

Light Transmittance	Tv	72%
Light Reflectance External	pv	14%
Light Reflectance Internal	pv'	14%

## SOLAR BEHAVIOR

Solar Factor	g	52%
Secondary Heat Transfer factor	qi	11%
Shading Coefficient	SC	60%
Solar Transmittance	Te	41%
Solar Reflectance	pe	27%
Absorption of Element 1	$\alpha_1$	18%
Absorption of Element 2	$\alpha_2$	4%
Absorption of Element 3	$\alpha_3$	10%
Total Absorption	$\alpha_{tot}$	31%

## UV BEHAVIOR

UV Transmittance	Tuv	0%
Material (CIE) damage factor	SMPF	45%
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	1B1
EN 356 Burglar Resistance Element 3	P2A

## COLOUR ANALYSIS

L coordinate Transmission	88.1
a coordinate Transmission	-5.1
b coordinate Transmission	1.8
RGB Transmission	212,224,217
L coordinate Reflection	44.8
a coordinate Reflection	-2
b coordinate Reflection	0.1
RGB Reflection	102,107,106

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.