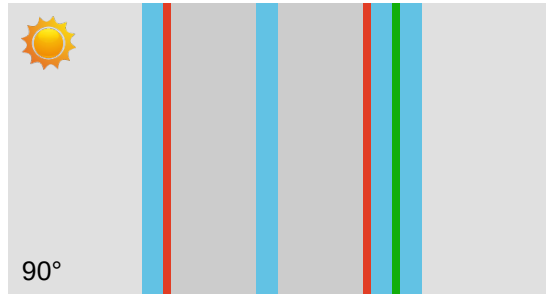


Project:  
Location:  
To:



### gA-Report

No.: gA-62034-2020  
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	0.5 W/m²K
g Solar Factor	35%
αtot Total Absorption	27%

### Light Values

Tv Light Transmission	56%
p <sub>v</sub> External Light Reflection	29%
p <sub>v</sub> ' Internal Light Reflection	28%
Ra General Color Rendering Index	91

### 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	0.51 W/m <sup>2</sup> K
Weight	41.9 Kg/m <sup>2</sup>

### LIGHT BEHAVIOR

Light Transmittance	Tv	56%
Light Reflectance External	pv	29%
Light Reflectance Internal	pv'	28%

### SOLAR BEHAVIOR

Solar Factor	g	35%
Secondary Heat Transfer factor	qi	8%
Shading Coefficient	SC	40%
Solar Transmittance	Te	27%
Solar Reflectance	pe	45%
Absorption of Element 1	$\alpha_1$	17%
Absorption of Element 2	$\alpha_2$	4%
Absorption of Element 3	$\alpha_3$	6%
Total Absorption	$\alpha_{tot}$	27%

### UV BEHAVIOR

UV Transmittance	Tuv	0%
Material (CIE) damage factor	SMPF	31%
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	79.5
a coordinate Transmission	-9.8
b coordinate Transmission	6.7
RGB Transmission	183,202,184
L coordinate Reflection	60.5
a coordinate Reflection	5.9
b coordinate Reflection	-5.7
RGB Reflection	152,143,156

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.