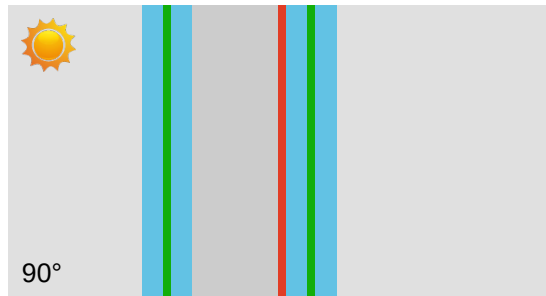


Project:
Location:
To:



gA-Report

No.: gA-62046-2020
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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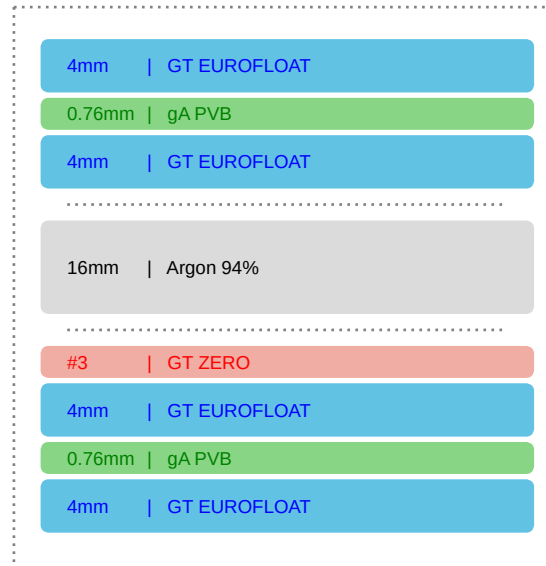
Energy values **EN410/EN673**

Ug Thermal Transmittance	1.0 W/m²K
g Solar Factor	45%
αtot Total Absorption	35%

Light Values

Tv Light Transmission	68%
ρv External Light Reflection	19%
ρv' Internal Light Reflection	21%
Ra General Color Rendering Index	93

Configuration (External -> Internal)



Technical Data

↔ Thickness	33.5 mm
⚖ Weight	43.8 Kg/m²
🔊 Noise Reduction [Rw(C;Ctr)dB]	39(-2;-6)



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	1.01 W/m ² K
Weight	43.8 Kg/m ²

LIGHT BEHAVIOR

Light Transmittance	Tv	68%
Light Reflectance External	pv	19%
Light Reflectance Internal	pv'	21%

SOLAR BEHAVIOR

Solar Factor	g	45%
Secondary Heat Transfer factor	qi	8%
Shading Coefficient	SC	51%
Solar Transmittance	Te	36%
Solar Reflectance	pe	29%
Absorption of Element 1	α_1	27%
Absorption of Element 2	α_2	8%
Absorption of Element 3	α_3	null%
Total Absorption	α_{tot}	35%

UV BEHAVIOR

UV Transmittance	Tuv	0%
Material (CIE) damage factor	SMPF	39%
Skin damage factor	SSPF	1%

SAFETY IN USE

EN12600 Resistance to impact Element 1	1B1
EN 356 Burglar Resistance Element 1	P2A
EN12600 Resistance to impact Element 2	1B1
EN 356 Burglar Resistance Element 2	P2A

COLOUR ANALYSIS

L coordinate Transmission	86.2
a coordinate Transmission	-8.2
b coordinate Transmission	5.4
RGB Transmission	204,220,205
L coordinate Reflection	51.2
a coordinate Reflection	5.3
b coordinate Reflection	-5.7
RGB Reflection	127,120,132

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.