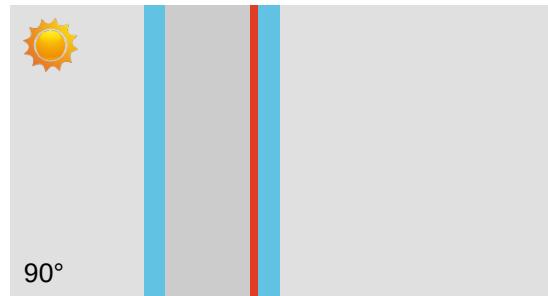


Project:
Location:
To:



gA-Report

No.: gA-60663-2020
gA version: 1.0
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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Energy values EN410/EN673

Ug Thermal Transmittance	1.0 W/m²K
g Solar Factor	50%
αtot Total Absorption	18%

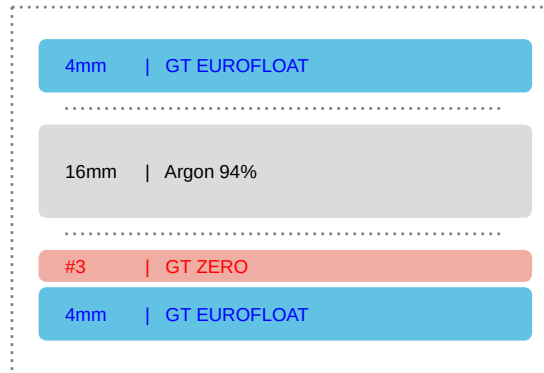
Light Values

Tv Light Transmission	71%
p _v External Light Reflection	20%
p _v ' Internal Light Reflection	21%
Ra General Color Rendering Index	95

Technical Data

↔ Thickness	24 mm
⚖ Weight	20 Kg/m²
🔊 Noise Reduction [Rw(C;Ctr)dB]	30(-1;-4)

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	1.02 W/m ² K
Weight	20 Kg/m ²

LIGHT BEHAVIOR

Light Transmittance	Tv	71%
Light Reflectance External	pv	20%
Light Reflectance Internal	pv'	21%

SOLAR BEHAVIOR

Solar Factor	g	50%
Secondary Heat Transfer factor	qi	7%
Shading Coefficient	SC	57%
Solar Transmittance	Te	42%
Solar Reflectance	pe	39%
Absorption of Element 1	α_1	10%
Absorption of Element 2	α_2	8%
Absorption of Element 3	α_3	null%
Total Absorption	α_{tot}	18%

UV BEHAVIOR

UV Transmittance	Tuv	23%
Material (CIE) damage factor	SMPF	51%
Skin damage factor	SSPF	7%

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

COLOUR ANALYSIS

L coordinate Transmission	87.5
a coordinate Transmission	-5.6
b coordinate Transmission	3.8
RGB Transmission	211,222,212
L coordinate Reflection	52
a coordinate Reflection	7.1
b coordinate Reflection	-6.9
RGB Reflection	131,121,136

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.