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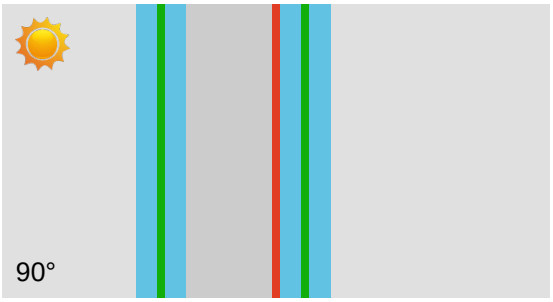
Project:
Location:
To:



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

Technical Data

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

Configuration (External -> Internal)

- 4mm | GT EUROFLOAT
- 0.76mm | gA PVB
- 4mm | GT EUROFLOAT
- 16mm | Argon 94%
- #3 | GT ZERO
- 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.

http://app.glassadvisor.com/configurator/5ea0092a043af34cd37de32b/

glassAdvisor

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.

GENERAL INFORMATION

Standard	EN410/EN673
Glass Slope	90°
Thermal Transmittance	1.01 W/m²K
Weight	43.8 Kg/m²

LIGHT BEHAVIOR

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

SOLAR BEHAVIOR

Solar Factor	g	45%
Secondary Heat Transfer factor	qi	8%
Shading Coefficient	SC	51%
Solar Transmittance	Te	36%
Solar Reflectance	ρe	29%
Absorption of Element 1	α1	27%
Absorption of Element 2	α2	8%
Absorption of Element 3	α3	null%
Total Absorption	αtot	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.