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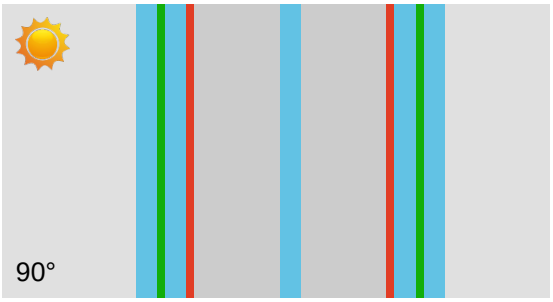
Project:
Location:
To:



Energy values — EN410/EN673

Ug	Thermal Transmittance	0.6 W/m²K
g	Solar Factor	48%
αtot	Total Absorption	41%

Light Values

Tv	Light Transmission	71%
ρv	External Light Reflection	14%
ρv'	Internal Light Reflection	14%
Ra	General Color Rendering Index	94

Technical Data

⟷	Thickness	53.5 mm
⚖	Weight	53.8 Kg/m²
🔊	Noise Reduction [Rw(C;Ctr)dB]	41(-2;-6)

Configuration (External -> Internal)

- 4mm | GT EUROFLOAT
- 0.76mm | gA PVB
- 4mm | GT EUROFLOAT
- #2 | GT EN2Plus
- 16mm | Argon 94%
- 4mm | GT EUROFLOAT
- 16mm | Argon 94%
- #5 | GT EN2Plus
- 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/5ea005b8043af34cd37de317/

glassAdvisor

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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.

The manufacturers of materials used in the simulation and glassAdvisor Srl can not be held responsible for any differences between the data hereby presented and those observed in reality. The spectra of the simulated materials are subject to tolerances in accordance to the relevant product standards and are subject to change without previous notice. Accessing the soft-copy version of this report may cause a recalculation of the results according to updated algorithm and/or database, the values may differ from the hardcopy. The possibility to simulate this product configuration does not guarantee the availability of the same in the market. The values are referred to the center of the glass, do not consider the effects of the edge and are executed according to one or more of the following norms and relevant attachments EN ISO 52022-3, EN673, EN410, EN13363-2 and ISO15099. The noise reduction values have a tolerance of +-2dB and are obtained from a database of certification measurements supplied by producers, users or available in the market. The noise reduction estimation hereby illustrated is obtained from a certified value, through average or interpolation of two or more values and may not be used as an official certificate from a third party laboratory. Occasionally and without prior notice, glassAdvisor GmbH reserves the right to remove or update such values thus obsoleting any previous data.

GENERAL INFORMATION

Standard	EN410/EN673
Glass Slope	90°
Thermal Transmittance	0.56 W/m²K
Weight	53.8 Kg/m²

LIGHT BEHAVIOR

Light Transmittance	Tv	71%
Light Reflectance External	ρv	14%
Light Reflectance Internal	ρv'	14%

SOLAR BEHAVIOR

Solar Factor	g	48%
Secondary Heat Transfer factor	qi	9%
Shading Coefficient	SC	55%
Solar Transmittance	Te	39%
Solar Reflectance	ρe	20%
Absorption of Element 1	α1	31%
Absorption of Element 2	α2	3%
Absorption of Element 3	α3	7%
Total Absorption	αtot	41%

UV BEHAVIOR

UV Transmittance	Tuv	0%
Material (CIE) damage factor	SMPF	43%
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	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	87.4
a coordinate Transmission	-6.5
b coordinate Transmission	2.6
RGB Transmission	208,223,214
L coordinate Reflection	44.3
a coordinate Reflection	-3.1
b coordinate Reflection	0.8
RGB Reflection	100,106,103

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.