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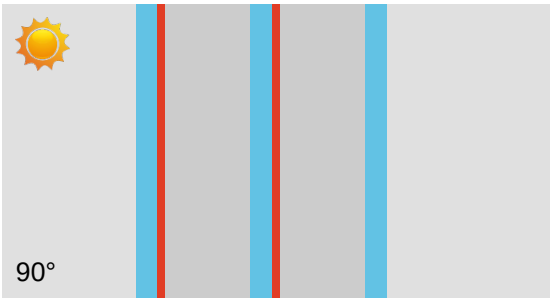
Project:
Location:
To:



Energy values — EN410/EN673

Ug	Thermal Transmittance	0.5 W/m²K
g	Solar Factor	40%
αtot	Total Absorption	24%

Light Values

Tv	Light Transmission	64%
ρv	External Light Reflection	23%
ρv'	Internal Light Reflection	22%
Ra	General Color Rendering Index	94

Technical Data

Thickness	44 mm
Weight	30 Kg/m²
Noise Reduction [Rw(C;Ctr)dB]	33(-2;-5)

Configuration (External -> Internal)

- 4mm | GT EUROFLOAT
- #2 | GT ZERO
- 16mm | Argon 94%
- 4mm | GT EUROFLOAT
- #4 | GT EN2Plus
- 16mm | Argon 94%
- 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/5e858e718da1a579ff9ad5e0/

glassAdvisor

gA-Report
No.: gA-60681-2020
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.

GENERAL INFORMATION

Standard	EN410/EN673
Glass Slope	90°
Thermal Transmittance	0.54 W/m²K
Weight	30 Kg/m²

LIGHT BEHAVIOR

Light Transmittance	Tv	64%
Light Reflectance External	ρv	23%
Light Reflectance Internal	ρv'	22%

SOLAR BEHAVIOR

Solar Factor	g	40%
Secondary Heat Transfer factor	qi	5%
Shading Coefficient	SC	46%
Solar Transmittance	Te	35%
Solar Reflectance	ρe	41%
Absorption of Element 1	α1	16%
Absorption of Element 2	α2	6%
Absorption of Element 3	α3	1%
Total Absorption	αtot	24%

UV BEHAVIOR

UV Transmittance	Tuv	12%
Material (CIE) damage factor	SMPF	43%
Skin damage factor	SSPF	4%

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	NPD
EN 356 Burglar Resistance Element 3	NPD

COLOUR ANALYSIS

L coordinate Transmission	84.2
a coordinate Transmission	-6.6
b coordinate Transmission	3.9
RGB Transmission	200,214,202
L coordinate Reflection	55.4
a coordinate Reflection	4.1
b coordinate Reflection	-4.1
RGB Reflection	137,131,140

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.