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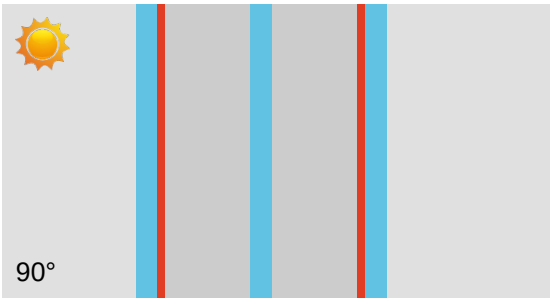
Project:
Location:
To:



Energy values — EN410/EN673

Ug	Thermal Transmittance	0.5 W/m²K
g	Solar Factor	14%
αtot	Total Absorption	49%

Light Values

Tv	Light Transmission	24%
ρv	External Light Reflection	27%
ρv'	Internal Light Reflection	28%
Ra	General Color Rendering Index	86

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 | PLK Suncool 30/17
- 16mm | Argon 94%
- 4mm | GT EUROFLOAT
- 16mm | Argon 94%
- #5 | GT ZERO
- 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/5e858b6d8da1a579ff9ad5dd/

glassAdvisor

gA-Report
No.: gA-60678-2020
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	0.52 W/m²K
Weight	30 Kg/m²

LIGHT BEHAVIOR

Light Transmittance	Tv	24%
Light Reflectance External	ρv	27%
Light Reflectance Internal	ρv'	28%

SOLAR BEHAVIOR

Solar Factor	g	14%
Secondary Heat Transfer factor	qi	3%
Shading Coefficient	SC	17%
Solar Transmittance	Te	12%
Solar Reflectance	ρe	39%
Absorption of Element 1	α1	47%
Absorption of Element 2	α2	1%
Absorption of Element 3	α3	2%
Total Absorption	αtot	49%

UV BEHAVIOR

UV Transmittance	Tuv	3%
Material (CIE) damage factor	SMPF	16%
Skin damage factor	SSPF	1%

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	56.6
a coordinate Transmission	-7.6
b coordinate Transmission	-0.6
RGB Transmission	120,140,136
L coordinate Reflection	59.3
a coordinate Reflection	-3
b coordinate Reflection	-6.9
RGB Reflection	130,145,155

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.