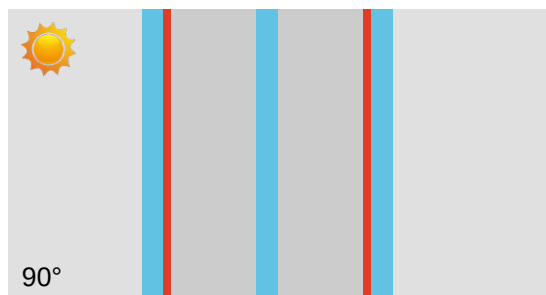


Project:

Location:

To:



Energy values

EN410/EN673

Ug Thermal Transmittance	0.5 W/m²K
g Solar Factor	22%
αtot Total Absorption	41%

Light Values

Tv Light Transmission	41%
p _v External Light Reflection	16%
p _v ' Internal Light Reflection	30%
Ra General Color Rendering Index	89

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 | GRD SG SN 51/28

16mm | Argon 94%

4mm | GT EUROFLOAT

16mm | Argon 94%

#5 | GT ZERO

4mm | GT EUROFLOAT

gA-Report

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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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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	0.51 W/m²K	
Weight	30 Kg/m²	
LIGHT BEHAVIOR		
Light Transmittance	Tv	41%
Light Reflectance External	pv	16%
Light Reflectance Internal	pv'	30%
SOLAR BEHAVIOR		
Solar Factor	g	22%
Secondary Heat Transfer factor	qi	4%
Shading Coefficient	SC	26%
Solar Transmittance	Te	19%
Solar Reflectance	pe	40%
Absorption of Element 1	α1	37%
Absorption of Element 2	α2	1%
Absorption of Element 3	α3	3%
Total Absorption	αtot	41%
UV BEHAVIOR		
UV Transmittance	Tuv	6%
Material (CIE) damage factor	SMPF	26%
Skin damage factor	SSPF	2%

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	70
a coordinate Transmission	-9.3
b coordinate Transmission	5.4
RGB Transmission	157,176,161
L coordinate Reflection	47.2
a coordinate Reflection	0.1
b coordinate Reflection	-16.1
RGB Reflection	96,113,139
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.	