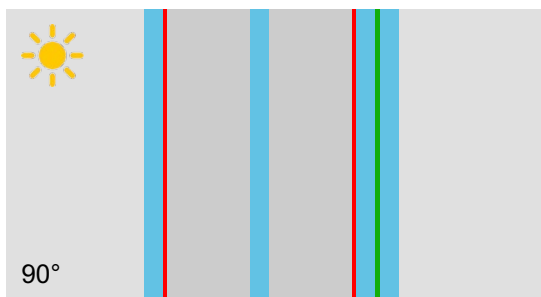


Project: TOPTHERM + ULTRA

Location:

To:



Energy values EN410/EN673

Ug	Thermal Transmittance	0.5 W/m ² K
g	Solar Factor	40%
atot	Total Absorption	30%

Light Values

Tv	Light Transmission	61%
pv	External Light Reflection	21%
pv'	Internal Light Reflection	20%
Ra	General Color Rendering Index	94

Technical Data

↔	Thickness	52.8 mm
⚖	Weight	41.9 Kg/m ²
🔊	Noise Reduction [Rw(C;Ctr)dB]	37(-2;-8)

Configuration (External -> Internal)



gA-Report

 No.: gA-276110-2025
 gA version: 1.0
 Date: 28-09-2025
 Username: VAK1

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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	0.47 W/m²
Weight	41.9 Kg/m²

LIGHT BEHAVIOR

Light Transmittance	Tv	61%
Light Reflectance External	pv	21%
Light Reflectance Internal	pv'	20%

SOLAR BEHAVIOR

Solar Factor	g	40%
Secondary Heat Transfer Factor	qi	10%
Shading Factor	SC	46%
Solar Transmittance	Te	31%
Solar Reflectance	pe	40%
Absorption of Element 1	α_1	18%
Absorption of Element 2	α_2	5%
Absorption of Element 3	α_3	8%
Solar Absorptance	α_{tot}	30%

UV BEHAVIOR

UV Transmittance	Tuv	0%
Material damage factor (CIE)	SMPF	35%
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	1B1
EN 356 Burglar Resistance Element 3	P2A

COLOUR ANALYSIS

L coordinate Transmission	82.6
a coordinate Transmission	-6
b coordinate Transmission	6.1
RGB Transmission	199,208,194
L coordinate Reflection	53
a coordinate Reflection	1
b coordinate Reflection	-8.7
RGB Reflection	121,127,141

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.