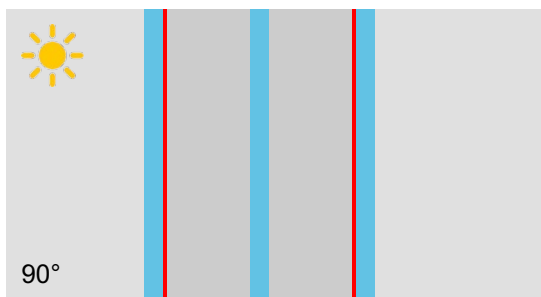


Project: TOPTHERM + COOLLITE XTR 5022
 4E_18_4_18_E4

Location:

To:



Energy values EN410/EN673

Ug	Thermal Transmittance	0.5 W/m²K
g	Solar Factor	19%
αtot	Total Absorption	46%

Light Values

Tv	Light Transmission	43%
pv	External Light Reflection	17%
pv'	Internal Light Reflection	20%
Ra	General Color Rendering Index	83

Technical Data

↔	Thickness	48 mm
⚖	Weight	30 Kg/m²
🔊	Noise Reduction [Rw(C;Ctr)dB]	34(-2;-6)

Configuration (External -> Internal)



gA-Report

 No.: gA-276056-2025
 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	0.49 W/m²
Weight	30 Kg/m²

LIGHT BEHAVIOR

Light Transmittance	Tv	43%
Light Reflectance External	pv	17%
Light Reflectance Internal	pv'	20%

SOLAR BEHAVIOR

Solar Factor	g	19%
Secondary Heat Transfer Factor	qi	2%
Shading Factor	SC	22%
Solar Transmittance	Te	17%
Solar Reflectance	pe	37%
Absorption of Element 1	α_1	44%
Absorption of Element 2	α_2	0%
Absorption of Element 3	α_3	1%
Solar Absorptance	α_{tot}	46%

UV BEHAVIOR

UV Transmittance	Tuv	4%
Material damage factor (CIE)	SMPF	27%
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	71.7
a coordinate Transmission	-9.5
b coordinate Transmission	2.1
RGB Transmission	158,181,172
L coordinate Reflection	48.3
a coordinate Reflection	-4.9
b coordinate Reflection	-9.3
RGB Reflection	96,118,130

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.