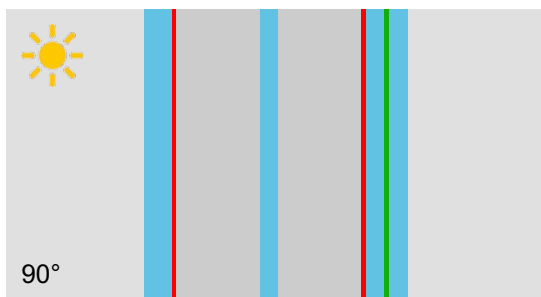


Project: TOPTHERM + COOLLITE XTR 5022
 ULTRA

Location:

To:



Energy values EN410/EN673

U _g	Thermal Transmittance	0.5 W/m²K
g	Solar Factor	18%
α _{tot}	Total Absorption	54%

Light Values

T _v	Light Transmission	38%
p _v	External Light Reflection	17%
p _v '	Internal Light Reflection	22%
R _a	General Color Rendering Index	81

Technical Data

↔	Thickness	54.8 mm
⚖	Weight	46.9 Kg/m²
🔊	Noise Reduction [R _w (C;Ctr)dB]	42(-1;-5)

Configuration (External -> Internal)

6mm		gA Float clear Toughened
#2		SGG COOL-LITE XTREME 50-22 II
18mm		Argon 90%
4mm		gA Float clear
18mm		Argon 90%
#5		GT ZERO NG
4mm		gA Float clear
0.76mm		gA PVB
4mm		gA Float clear

gA-Report

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 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	46.9 Kg/m²

LIGHT BEHAVIOR

Light Transmittance	Tv	38%
Light Reflectance External	pv	17%
Light Reflectance Internal	pv'	22%

SOLAR BEHAVIOR

Solar Factor	g	18%
Secondary Heat Transfer Factor	qi	4%
Shading Factor	SC	20%
Solar Transmittance	Te	14%
Solar Reflectance	pe	32%
Absorption of Element 1	α1	51%
Absorption of Element 2	α2	1%
Absorption of Element 3	α3	2%
Solar Absorptance	αtot	54%

UV BEHAVIOR

UV Transmittance	Tuv	0%
Material damage factor (CIE)	SMPF	21%
Skin damage factor	SSPF	0%

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	67.9
a coordinate Transmission	-11.1
b coordinate Transmission	3.6
RGB Transmission	147,171,159
L coordinate Reflection	48.8
a coordinate Reflection	-5.8
b coordinate Reflection	-9.8
RGB Reflection	95,119,132

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.