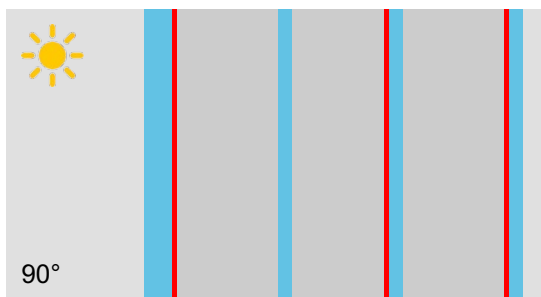


Project: TOPTHERM 4+ COOLLITE XTR 5022
6E_22_3D_20_E3_22_E3

Location:

To:

**Energy values EN ISO 52022-3 Reference**

Ug	Thermal Transmittance	0.3 W/m²K
g	Solar Factor	16%
αtot	Total Absorption	50%

Light Values

Tv	Light Transmission	35%
pv	External Light Reflection	20%
pv'	Internal Light Reflection	28%

Technical Data

↔	Thickness	79 mm
⚖	Weight	37.5 Kg/m²
🔊	Noise Reduction [Rw(C;Ctr)dB]	NPD

Configuration (External -> Internal)

6mm		SGG PLANICLEAR
#2		SGG COOL-LITE XTREME 50-22 II
22mm		Argon 90%
3mm		GT EUROWHITE NG
20mm		Argon 90%
#5		GT ZERO NG
3mm		GT EUROFLOAT
22mm		Argon 90%
#7		GT ZERO NG
3mm		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.

<https://app.glassadvisor.com/configurator/1519fdb646178a76153f21b95080>**gA-Report**No.: gA-276001-2025
gA version: 1.0
Date: 28-09-2025
Username: VAK1**Glassadvisor GmbH Srl**Horazstraße 19,
Via Orazio 19
39100 Bozen, Bolzano
(BZ)
Italiainfo@glassadvisor.com
www.glassadvisor.com
P.I. 02903760219

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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GENERAL INFORMATION

External Temperature	5 °C
Internal Temperature	20 °C
Convection coefficient to the outside	18 W/m²K
Convection coefficient to the inside	3.6 W/m²K
Irradiance	300 W/m²
Standard	EN ISO 52022-3 Reference
Glass Slope [°]	90°
Thermal Transmittance	0.30 W/m²
Weight	37.5 Kg/m²

LIGHT BEHAVIOR

Light Transmittance	Tv	35%
Light Reflectance External	pv	20%
Light Reflectance Internal	pv'	28%

SOLAR BEHAVIOR

Solar Factor	g	16%
Secondary Heat Transfer Factor	qi	3%
Shading Factor	SC	19%
Solar Transmittance	Te	13%
Solar Reflectance	pe	37%
Absorption of Element 1	α1	47%
Absorption of Element 2	α2	0%
Absorption of Element 3	α3	2%
Absorption of Element 4	α4	1%
Solar Absorptance	αtot	50%

UV BEHAVIOR

UV Transmittance	Tuv	2%
Material damage factor (CIE)	SMPF	20%

TEMPERATURES

Temperature of Element 1	11.8 °C
Temperature of Element 2	16.8 °C
Temperature of Element 3	21.2 °C
Temperature of Element 4	20.5 °C

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
EN12600 Resistance to impact Element 4	NPD
EN 356 Burglar Resistance Element 4	NPD

COLOUR ANALYSIS

L coordinate Transmission	65.7
a coordinate Transmission	-8.4
b coordinate Transmission	4.5
RGB Transmission	147,164,151
L coordinate Reflection	51.7
a coordinate Reflection	-5.9
b coordinate Reflection	-10.5
RGB Reflection	101,127,141

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.