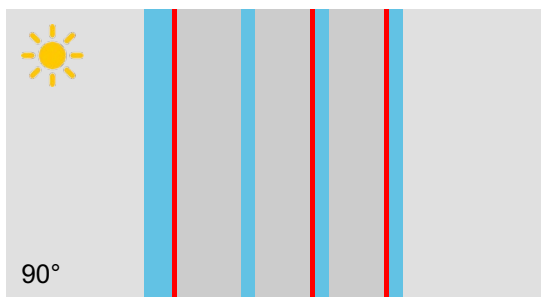


Project: TOPTHERM 4+ COOLLITE XTR 5022
6E_14_3D_12_E3_12_E3

Location:

To:

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

U _g	Thermal Transmittance	0.4 W/m ² K
g	Solar Factor	17%
α _{tot}	Total Absorption	50%

Light Values

T _v	Light Transmission	35%
p _v	External Light Reflection	20%
p _v '	Internal Light Reflection	28%

Technical Data

↔	Thickness	53 mm
⚖	Weight	37.5 Kg/m ²
🔊	Noise Reduction [Rw(C;Ctr)dB]	NPD

Configuration (External -> Internal)**gA-Report**No.: gA-275993-2025
gA version: 1.0
Date: 28-09-2025
Username: VAK1**Glassadvisor GmbH Srl**
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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

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	0.44 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	17%
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	11.9 °C
Temperature of Element 2	16.4 °C
Temperature of Element 3	20 °C
Temperature of Element 4	20.4 °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.