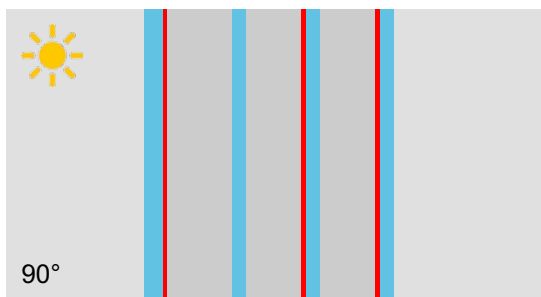


Project: TOPTHERM 4+ COOLLITE XTR 7033
4E_14_3D_12_E3_12_E3

Location:

To:

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

Ug	Thermal Transmittance	0.4 W/m²K
g	Solar Factor	26%
αtot	Total Absorption	36%

Light Values

Tv	Light Transmission	52%
pv	External Light Reflection	19%
pv'	Internal Light Reflection	26%

Technical Data

↔	Thickness	51 mm
⚖	Weight	32.5 Kg/m²
🔊	Noise Reduction [Rw(C;Ctr)dB]	NPD

Configuration (External -> Internal)**gA-Report**No.: gA-275994-2025
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	32.5 Kg/m²

LIGHT BEHAVIOR

Light Transmittance	Tv	52%
Light Reflectance External	pv	19%
Light Reflectance Internal	pv'	26%

SOLAR BEHAVIOR

Solar Factor	g	26%
Secondary Heat Transfer Factor	qi	5%
Shading Factor	SC	30%
Solar Transmittance	Te	22%
Solar Reflectance	pe	42%
Absorption of Element 1	α1	31%
Absorption of Element 2	α2	0%
Absorption of Element 3	α3	3%
Absorption of Element 4	α4	2%
Solar Absorptance	αtot	36%

UV BEHAVIOR

UV Transmittance	Tuv	3%
Material damage factor (CIE)	SMPF	29%

TEMPERATURES

Temperature of Element 1	9.7 °C
Temperature of Element 2	16.2 °C
Temperature of Element 3	21.4 °C
Temperature of Element 4	20.9 °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	77
a coordinate Transmission	-4.8
b coordinate Transmission	6.4
RGB Transmission	186,192,178
L coordinate Reflection	50.9
a coordinate Reflection	-2.4
b coordinate Reflection	-9.3
RGB Reflection	108,123,137

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.