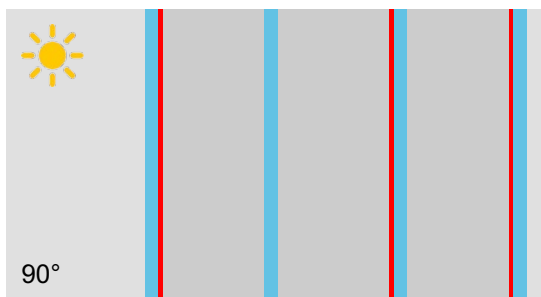


Project: TOPTHERM 4+ ECLAZ

3ED_22_3D_24_E3D_22_E3D

Location:

To:



Energy values EN ISO 52022-3 Reference

U _g	Thermal Transmittance	0.3 W/m²K
g	Solar Factor	57%
α _{tot}	Total Absorption	17%

Light Values

T _v	Light Transmission	73%
p _v	External Light Reflection	17%
p _v '	Internal Light Reflection	17%

Technical Data

↔	Thickness	80 mm
⚖	Weight	30 Kg/m²
🔊	Noise Reduction [R _w (C;Ctr)dB]	NPD

Configuration (External -> Internal)



gA-Report

No.: gA-275998-2025

gA version: 1.0

Date: 28-09-2025

Username: VAK1

Glassadvisor GmbH Srl

 Horazstraße 19,
 Via Orazio 19
 39100 Bozen, Bolzano
 (BZ)
 Italia

 info@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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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	0.33 W/m²
Weight	30 Kg/m²

LIGHT BEHAVIOR

Light Transmittance	Tv	73%
Light Reflectance External	pv	17%
Light Reflectance Internal	pv'	17%

SOLAR BEHAVIOR

Solar Factor	g	57%
Secondary Heat Transfer Factor	qi	6%
Shading Factor	SC	65%
Solar Transmittance	Te	50%
Solar Reflectance	pe	32%
Absorption of Element 1	α1	8%
Absorption of Element 2	α2	1%
Absorption of Element 3	α3	5%
Absorption of Element 4	α4	3%
Solar Absorptance	αtot	17%

UV BEHAVIOR

UV Transmittance	Tuv	28%
Material damage factor (CIE)	SMPF	53%

TEMPERATURES

Temperature of Element 1	6.8 °C
Temperature of Element 2	16.7 °C
Temperature of Element 3	25.3 °C
Temperature of Element 4	21.7 °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	88.6
a coordinate Transmission	-2.6
b coordinate Transmission	4.5
RGB Transmission	221,224,214
L coordinate Reflection	49
a coordinate Reflection	0.2
b coordinate Reflection	-6.4
RGB Reflection	111,117,127

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.