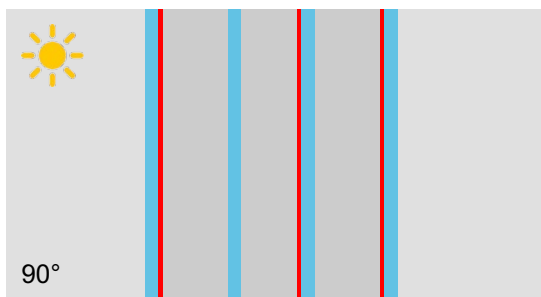


Project: TOPTHERM 4+
3E_14_3D_12_E3D_14_E3

Location:

To:

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

Ug	Thermal Transmittance	0.4 W/m²K
g	Solar Factor	40%
αtot	Total Absorption	23%

Light Values

Tv	Light Transmission	61%
pv	External Light Reflection	24%
pv'	Internal Light Reflection	24%

Technical Data

↔	Thickness	52 mm
⚖	Weight	30 Kg/m²
🔊	Noise Reduction [Rw(C;Ctr)dB]	NPD

Configuration (External -> Internal)

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/001ebb7f2fe48f3a32545d914db9>

gA-ReportNo.: gA-275992-2025
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.

The manufacturers of materials used in the simulation and glassAdvisor Srl can not be held responsible for any differences between the data hereby presented and those observed in reality. The spectra of the simulated materials are subject to tolerances in accordance to the relevant product standards and are subject to change without previous notice. Accessing the soft-copy version of this report may cause a recalculation of the results according to updated algorithm and/or database, the values may differ from the hardcopy. The possibility to simulate this product configuration does not guarantee the availability of the same in the market. The values are referred to the center of the glass, do not consider the effects of the edge and are executed according to one or more of the following norms and relevant attachments: EN ISO 52022-3, EN673, EN410, DT210, EN16612, EN13363-2 and ISO15099. The noise reduction values have a tolerance of +2dB and are obtained from a database of certification measurements supplied by producers, users or available in the market. The noise reduction estimation is obtained from a certified value, through average or interpolation of two or more values, do not refer to specific commercial products, and may not be used as an official certificate from a third party laboratory. Occasionally and without prior notice, glassAdvisor GmbH reserves the right to remove or update such values thus obsoleting any previous data. Copyright © - 2024 - All rights reserved - Glassadvisor GmbH

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	0.43 W/m²
Weight	30 Kg/m²

LIGHT BEHAVIOR

Light Transmittance	Tv	61%
Light Reflectance External	pv	24%
Light Reflectance Internal	pv'	24%

SOLAR BEHAVIOR

Solar Factor	g	40%
Secondary Heat Transfer Factor	qi	7%
Shading Factor	SC	46%
Solar Transmittance	Te	33%
Solar Reflectance	pe	44%
Absorption of Element 1	α1	14%
Absorption of Element 2	α2	1%
Absorption of Element 3	α3	4%
Absorption of Element 4	α4	4%
Solar Absorptance	αtot	23%

UV BEHAVIOR

UV Transmittance	Tuv	10%
Material damage factor (CIE)	SMPF	39%

TEMPERATURES

Temperature of Element 1	7.5 °C
Temperature of Element 2	16.6 °C
Temperature of Element 3	22.8 °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	82.5
a coordinate Transmission	-3.4
b coordinate Transmission	6.3
RGB Transmission	204,207,193
L coordinate Reflection	56.5
a coordinate Reflection	0.2
b coordinate Reflection	-8.4
RGB Reflection	128,136,150

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.