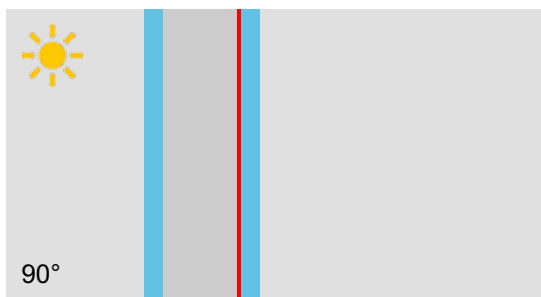


Project: TOPTHERM 4_16_E4

Location:

To:



Energy values EN410/EN673

Ug	Thermal Transmittance	1.1 W/m²K
g	Solar Factor	66%
atot	Total Absorption	14%

Light Values

Tv	Light Transmission	82%
pv	External Light Reflection	11%
pv'	Internal Light Reflection	12%
Ra	General Color Rendering Index	98

Technical Data

↔	Thickness	24 mm
⚖	Weight	20 Kg/m²
🔊	Noise Reduction [Rw(C;Ctr)dB]	31(-1;-4)

Configuration (External -> Internal)



gA-Report

 No.: gA-276082-2025
 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

Standard	EN410/EN673
Glass Slope [°]	90°
Thermal Transmittance	1.11 W/m²
Weight	20 Kg/m²

LIGHT BEHAVIOR

Light Transmittance	Tv	82%
Light Reflectance External	ρ_v	11%
Light Reflectance Internal	ρ_v'	12%

SOLAR BEHAVIOR

Solar Factor	g	66%
Secondary Heat Transfer Factor	qi	6%
Shading Factor	SC	75%
Solar Transmittance	Te	59%
Solar Reflectance	ρ_e	27%
Absorption of Element 1	α_1	7%
Absorption of Element 2	α_2	7%
Solar Absorptance	α_{tot}	14%

UV BEHAVIOR

UV Transmittance	Tuv	37%
Material damage factor (CIE)	SMPF	65%
Skin damage factor	SSPF	11%

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

COLOUR ANALYSIS

L coordinate Transmission	92.6
a coordinate Transmission	-2.6
b coordinate Transmission	1.9
RGB Transmission	230,235,230
L coordinate Reflection	40.4
a coordinate Reflection	0.7
b coordinate Reflection	-3.6
RGB Reflection	94,95,101

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.