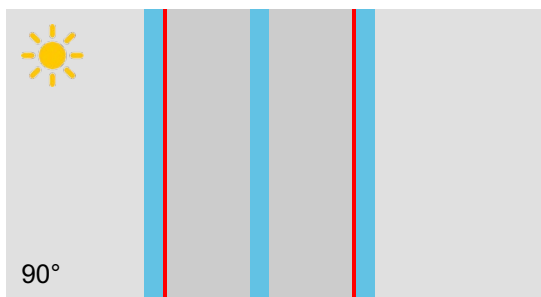


Project: TOPTHERM + 4E_18_4_18_E4

Location:

To:



Energy values EN410/EN673

Ug	Thermal Transmittance	0.5 W/m²K
g	Solar Factor	54%
atot	Total Absorption	21%

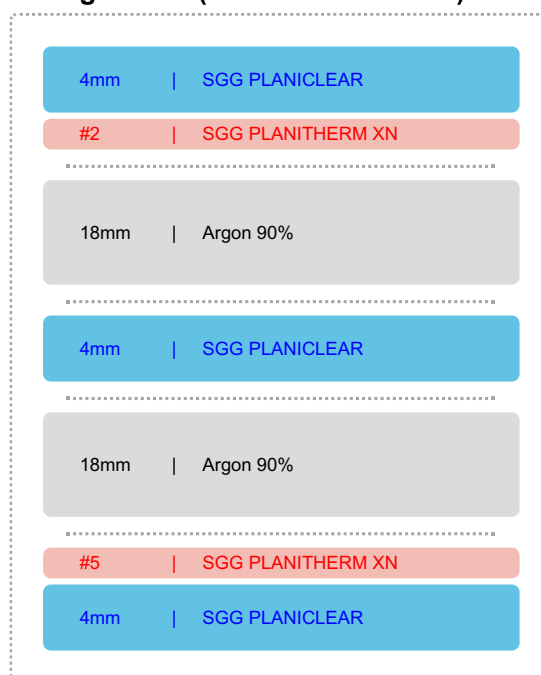
Light Values

Tv	Light Transmission	74%
pv	External Light Reflection	14%
pv'	Internal Light Reflection	14%
Ra	General Color Rendering Index	97

Technical Data

↔	Thickness	48 mm
⚖	Weight	30 Kg/m²
🔊	Noise Reduction [Rw(C;Ctr)dB]	34(-2;-6)

Configuration (External -> Internal)



gA-Report

 No.: gA-276044-2025
 gA version: 1.0
 Date: 28-09-2025
 Username: VAK1

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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

Standard	EN410/EN673
Glass Slope [°]	90°
Thermal Transmittance	0.52 W/m²
Weight	30 Kg/m²

LIGHT BEHAVIOR

Light Transmittance	Tv	74%
Light Reflectance External	pv	14%
Light Reflectance Internal	pv'	14%

SOLAR BEHAVIOR

Solar Factor	g	54%
Secondary Heat Transfer Factor	qi	7%
Shading Factor	SC	62%
Solar Transmittance	Te	47%
Solar Reflectance	pe	32%
Absorption of Element 1	α1	12%
Absorption of Element 2	α2	4%
Absorption of Element 3	α3	5%
Solar Absorptance	αtot	21%

UV BEHAVIOR

UV Transmittance	Tuv	21%
Material damage factor (CIE)	SMPF	53%
Skin damage factor	SSPF	6%

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

COLOUR ANALYSIS

L coordinate Transmission	89.1
a coordinate Transmission	-4.3
b coordinate Transmission	3.3
RGB Transmission	218,226,217
L coordinate Reflection	44.8
a coordinate Reflection	-0.2
b coordinate Reflection	-4.5
RGB Reflection	102,106,113

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.