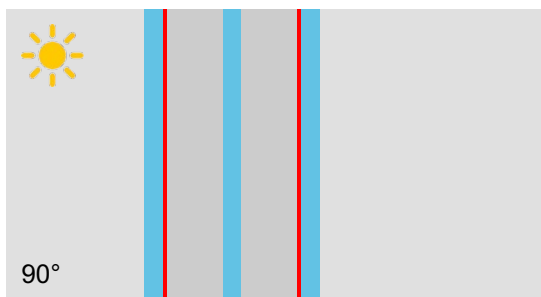


Project: TOPTHERM + ULTRA KR

4E_12KR95_4_12KR95_E4

Location:

To:



Energy values EN410/EN673

U _g	Thermal Transmittance	0.4 W/m²K
g	Solar Factor	41%
α _{tot}	Total Absorption	25%

Light Values

T _v	Light Transmission	65%
p _v	External Light Reflection	22%
p _v '	Internal Light Reflection	22%
R _a	General Color Rendering Index	95

Technical Data

↔	Thickness	36 mm
⚖	Weight	30 Kg/m²
🔊	Noise Reduction [R _w (C;Ctr)dB]	33(-2;-6)

Configuration (External -> Internal)



gA-Report

No.: gA-290934-2026

gA version: 1.0

Date: 29-01-2026

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	0.40 W/m²	
Weight	30 Kg/m²	

LIGHT BEHAVIOR		
Light Transmittance	Tv	65%
Light Reflectance External	ρv	22%
Light Reflectance Internal	ρv'	22%

SOLAR BEHAVIOR		
Solar Factor	g	41%
Secondary Heat Transfer Factor	qi	7%
Shading Factor	SC	47%
Solar Transmittance	Te	34%
Solar Reflectance	pe	41%
Absorption of Element 1	α1	16%
Absorption of Element 2	α2	4%
Absorption of Element 3	α3	5%
Solar Absorptance	αtot	25%

UV BEHAVIOR		
UV Transmittance	Tuv	11%
Material damage factor (CIE)	SMPF	42%
Skin damage factor	SSPF	3%

SAFETY IN USE		
EN12600 Resistance to impact Element 1	NPD	
Odolnost proti střelám (EN 1063) 1	NPD	
EN12600 Resistance to impact Element 2	NPD	
Odolnost proti střelám (EN 1063) 2	NPD	
EN12600 Resistance to impact Element 3	NPD	
Odolnost proti střelám (EN 1063) 3	NPD	

COLOUR ANALYSIS	
L coordinate Transmission	84.3
a coordinate Transmission	-4.7
b coordinate Transmission	5.4
RGB Transmission	206,213,200
L coordinate Reflection	54
a coordinate Reflection	1.1
b coordinate Reflection	-8.6
RGB Reflection	123,129,144
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.	