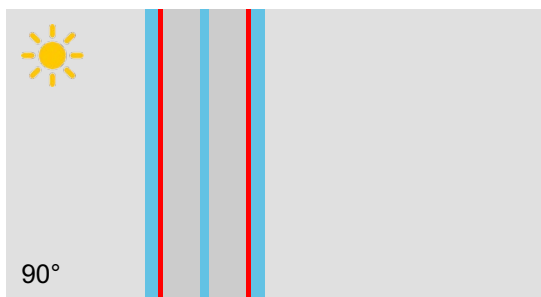


Project: TOPTHERM PLUS REFIT KR

3E_8_2FC_8_E3

Location:

To:

**Energy values** EN410/EN673

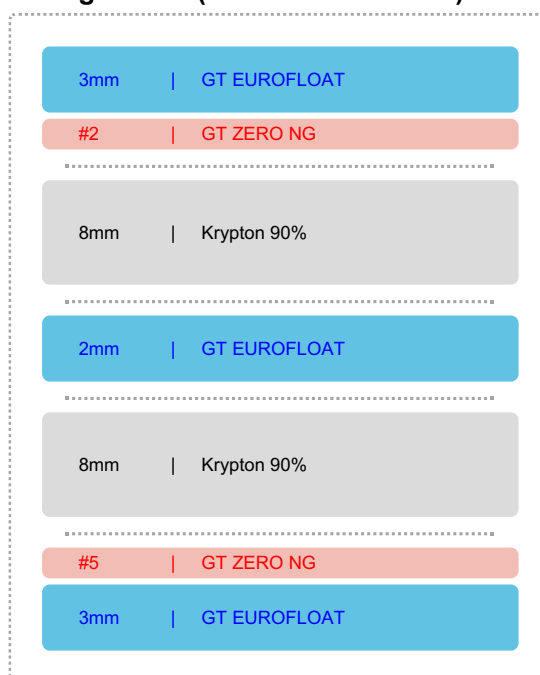
Ug	Thermal Transmittance	0.6 W/m²K
g	Solar Factor	42%
atot	Total Absorption	19%

Light Values

Tv	Light Transmission	66%
pv	External Light Reflection	22%
pv'	Internal Light Reflection	22%
Ra	General Color Rendering Index	97

Technical Data

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

Configuration (External -> Internal)**gA-Report**

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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	0.61 W/m²
Weight	20 Kg/m²

LIGHT BEHAVIOR

Light Transmittance	Tv	66%
Light Reflectance External	pv	22%
Light Reflectance Internal	pv'	22%

SOLAR BEHAVIOR

Solar Factor	g	42%
Secondary Heat Transfer Factor	qi	5%
Shading Factor	SC	48%
Solar Transmittance	Te	37%
Solar Reflectance	pe	45%
Absorption of Element 1	α1	13%
Absorption of Element 2	α2	2%
Absorption of Element 3	α3	4%
Solar Absorptance	αtot	19%

UV BEHAVIOR

UV Transmittance	Tuv	12%
Material damage factor (CIE)	SMPF	44%
Skin damage factor	SSPF	4%

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	85
a coordinate Transmission	-3.3
b coordinate Transmission	5.3
RGB Transmission	210,214,202
L coordinate Reflection	54.3
a coordinate Reflection	2
b coordinate Reflection	-8.9
RGB Reflection	126,129,145

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.