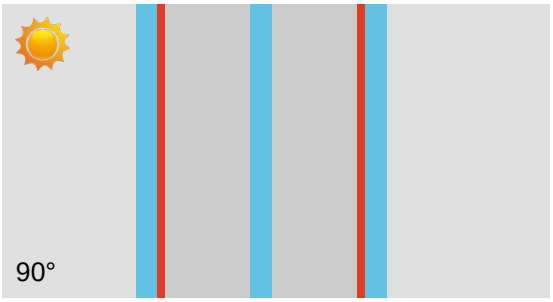
Vikeså Glassindustri AS
Bjerkreimsvegen 1357
Bjerkreim - Norway
WWW.VGI.NO
Tel: +4748199145 Fax:
E-Mail: postmaster@vgi.no

Project:
Location:
To:



Energy values — EN410/EN673

Ug	Thermal Transmittance	0.5 W/m²K
g	Solar Factor	35%
αtot	Total Absorption	25%

Light Values

Tv	Light Transmission	57%
ρv	External Light Reflection	29%
ρv'	Internal Light Reflection	29%
Ra	General Color Rendering Index	92

Technical Data

⟷	Thickness	44 mm
⚖	Weight	30 Kg/m²
🔊	Noise Reduction [Rw(C;Ctr)dB]	33(-2;-5)

Configuration (External -> Internal)

- 4mm | GT EUROFLOAT
- #2 | GT ZERO
- 16mm | Argon 94%
- 4mm | GT EUROFLOAT
- 16mm | Argon 94%
- #5 | GT ZERO
- 4mm | GT EUROFLOAT

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.

http://app.glassadvisor.com/configurator/5e8589e18da1a579ff9ad5d7/

glassAdvisor

gA-Report
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Date: 2-4-2020
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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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GENERAL INFORMATION

Standard	EN410/EN673
Glass Slope	90°
Thermal Transmittance	0.51 W/m²K
Weight	30 Kg/m²

LIGHT BEHAVIOR

Light Transmittance	Tv	57%
Light Reflectance External	ρv	29%
Light Reflectance Internal	ρv'	29%

SOLAR BEHAVIOR

Solar Factor	g	35%
Secondary Heat Transfer factor	qi	6%
Shading Coefficient	SC	41%
Solar Transmittance	Te	29%
Solar Reflectance	ρe	46%
Absorption of Element 1	α1	17%
Absorption of Element 2	α2	4%
Absorption of Element 3	α3	4%
Total Absorption	αtot	25%

UV BEHAVIOR

UV Transmittance	Tuv	10%
Material (CIE) damage factor	SMPF	36%
Skin damage factor	SSPF	3%

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	80.1
a coordinate Transmission	-8.6
b coordinate Transmission	6
RGB Transmission	187,203,187
L coordinate Reflection	60.6
a coordinate Reflection	5.9
b coordinate Reflection	-5.8
RGB Reflection	152,143,156

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.