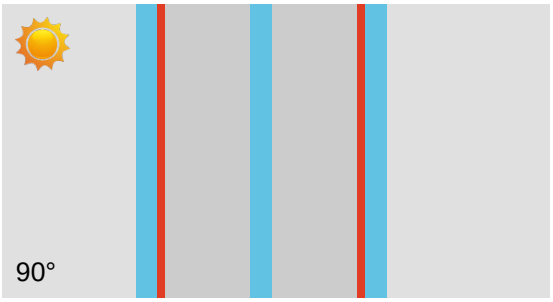
Vikeså Glassindustri AS
Bjerkreimsvegen 1357
Bjerkreim - Norway
WWW.VGI.NO
Tel: +4748199145 Fax:
E-Mail: postmaster@vgi.no

Project:
Location:
To:



Energy values — EN410/EN673

Ug	Thermal Transmittance	0.5 W/m²K
g	Solar Factor	31%
αtot	Total Absorption	36%

Light Values

Tv	Light Transmission	56%
ρv	External Light Reflection	16%
ρv'	Internal Light Reflection	15%
Ra	General Color Rendering Index	95

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 COMBI Neutral 61/32
- 16mm | Argon 94%
- 4mm | GT EUROFLOAT
- 16mm | Argon 94%
- #5 | GT EN2Plus
- 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/5e858b008da1a579ff9ad5db/

glassAdvisor

gA-Report
No.: gA-60676-2020
gA version: 1.0
Date: 2-4-2020
Username: VGI

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.

GENERAL INFORMATION

Standard	EN410/EN673
Glass Slope	90°
Thermal Transmittance	0.54 W/m²K
Weight	30 Kg/m²

LIGHT BEHAVIOR

Light Transmittance	Tv	56%
Light Reflectance External	ρv	16%
Light Reflectance Internal	ρv'	15%

SOLAR BEHAVIOR

Solar Factor	g	31%
Secondary Heat Transfer factor	qi	4%
Shading Coefficient	SC	36%
Solar Transmittance	Te	27%
Solar Reflectance	ρe	37%
Absorption of Element 1	α1	32%
Absorption of Element 2	α2	1%
Absorption of Element 3	α3	3%
Total Absorption	αtot	36%

UV BEHAVIOR

UV Transmittance	Tuv	3%
Material (CIE) damage factor	SMPF	33%
Skin damage factor	SSPF	1%

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	79.6
a coordinate Transmission	-6.1
b coordinate Transmission	4.4
RGB Transmission	189,200,189
L coordinate Reflection	46.9
a coordinate Reflection	-4
b coordinate Reflection	-10.6
RGB Reflection	93,114,129

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.