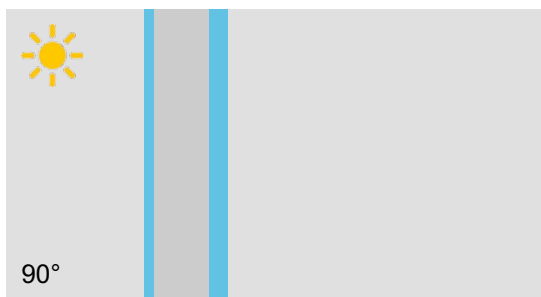


Project: BENGglas standaard leverprogramma

Location:

To:

**Energy values** EN410/EN673

Ug	Thermal Transmittance	0.4 W/m²K
g	Solar Factor	47%
atot	Total Absorption	26%

Light Values

Tv	Light Transmission	69%
pv	External Light Reflection	19%
pv'	Internal Light Reflection	20%
Ra	General Color Rendering Index	95

Technical Data

↔	Thickness	24.3 mm
⚖	Weight	30.8 Kg/m²
🔊	Noise Reduction [Rw(C;Ctr)dB]	NPD

Configuration (External -> Internal)

8.3mm | LVC Ti-VIG: 4+4-Low-E (S1.10)
| Toughened - Smooth

12mm | Argon 90%

4mm | gA Float clear
| Toughened - Smooth

gA-Report

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gA version: 1.0
Date: 21-11-2025
Username: BENGglas-
Arnoud Heijke

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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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	0.38 W/m²
Weight	30.8 Kg/m²

LIGHT BEHAVIOR

Light Transmittance	Tv	69%
Light Reflectance External	ρ_v	19%
Light Reflectance Internal	ρ_v'	20%

SOLAR BEHAVIOR

Solar Factor	g	47%
Secondary Heat Transfer Factor	qi	3%
Shading Factor	SC	54%
Solar Transmittance	Te	44%
Solar Reflectance	ρ_e	30%
Absorption of Element 1	α_1	23%
Absorption of Element 2	α_2	3%
Solar Absorptance	α_{tot}	26%

UV BEHAVIOR

UV Transmittance	Tuv	26%
Material damage factor (CIE)	SMPF	52%
Skin damage factor	SSPF	7%

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

COLOUR ANALYSIS

L coordinate Transmission	86.6
a coordinate Transmission	-4.7
b coordinate Transmission	2.7
RGB Transmission	210,219,212
L coordinate Reflection	50.8
a coordinate Reflection	0.2
b coordinate Reflection	-5.7
RGB Reflection	116,121,131

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.