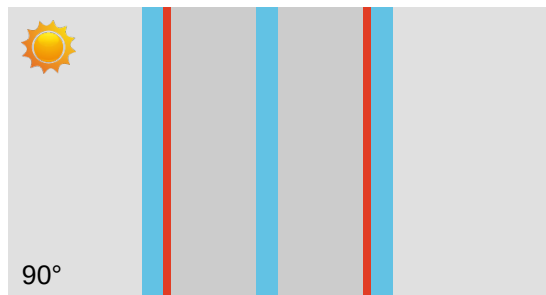


Project:

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% |
| p <sub>v</sub> External Light Reflection   | 16% |
| p <sub>v</sub> ' 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

### 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.

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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 | 0.54 W/m²K  |
| Weight                | 30 Kg/m²    |

## LIGHT BEHAVIOR

|                            |     |     |
|----------------------------|-----|-----|
| Light Transmittance        | Tv  | 56% |
| Light Reflectance External | pv  | 16% |
| Light Reflectance Internal | pv' | 15% |

## SOLAR BEHAVIOR

|                                |                |     |
|--------------------------------|----------------|-----|
| Solar Factor                   | g              | 31% |
| Secondary Heat Transfer factor | qi             | 4%  |
| Shading Coefficient            | SC             | 36% |
| Solar Transmittance            | Te             | 27% |
| Solar Reflectance              | pe             | 37% |
| Absorption of Element 1        | $\alpha_1$     | 32% |
| Absorption of Element 2        | $\alpha_2$     | 1%  |
| Absorption of Element 3        | $\alpha_3$     | 3%  |
| Total Absorption               | $\alpha_{tot}$ | 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.