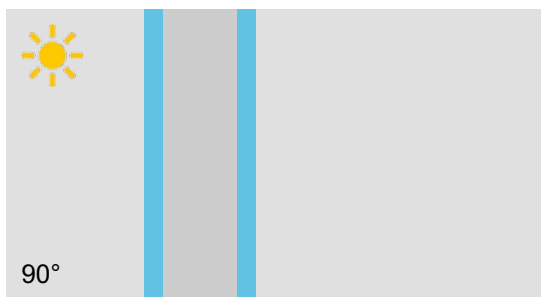


Project: TOPTHERM FLOAT 4\_16\_4

Location:

To:



### Energy values EN410/EN673

|      |                       |           |
|------|-----------------------|-----------|
| Ug   | Thermal Transmittance | 2.6 W/m²K |
| g    | Solar Factor          | 80%       |
| αtot | Total Absorption      | 10%       |

### Light Values

|     |                               |     |
|-----|-------------------------------|-----|
| Tv  | Light Transmission            | 83% |
| pv  | External Light Reflection     | 15% |
| pv' | Internal Light Reflection     | 15% |
| Ra  | General Color Rendering Index | 99  |

### Technical Data

|   |                               |           |
|---|-------------------------------|-----------|
| ↔ | Thickness                     | 24 mm     |
| ⚖ | Weight                        | 20 Kg/m²  |
| 🔊 | Noise Reduction [Rw(C;Ctr)dB] | 31(-1;-4) |

### Configuration (External -> Internal)



### gA-Report

 No.: gA-276083-2025  
 gA version: 1.0  
 Date: 28-09-2025  
 Username: VAK1

**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 | 2.62 W/m²   |
| Weight                | 20 Kg/m²    |

## LIGHT BEHAVIOR

|                            |           |     |
|----------------------------|-----------|-----|
| Light Transmittance        | Tv        | 83% |
| Light Reflectance External | $\rho_v$  | 15% |
| Light Reflectance Internal | $\rho_v'$ | 15% |

## SOLAR BEHAVIOR

|                                |                |     |
|--------------------------------|----------------|-----|
| Solar Factor                   | g              | 80% |
| Secondary Heat Transfer Factor | qi             | 3%  |
| Shading Factor                 | SC             | 92% |
| Solar Transmittance            | Te             | 77% |
| Solar Reflectance              | $\rho_e$       | 14% |
| Absorption of Element 1        | $\alpha_1$     | 5%  |
| Absorption of Element 2        | $\alpha_2$     | 4%  |
| Solar Absorptance              | $\alpha_{tot}$ | 10% |

## UV BEHAVIOR

|                              |      |     |
|------------------------------|------|-----|
| UV Transmittance             | Tuv  | 58% |
| Material damage factor (CIE) | SMPF | 74% |
| Skin damage factor           | SSPF | 18% |

## 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 | 92.8        |
| a coordinate Transmission | -1.3        |
| b coordinate Transmission | 0.4         |
| RGB Transmission          | 232,235,234 |
| L coordinate Reflection   | 45.6        |
| a coordinate Reflection   | -0.7        |
| b coordinate Reflection   | -0.5        |
| RGB Reflection            | 106,108,109 |

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.