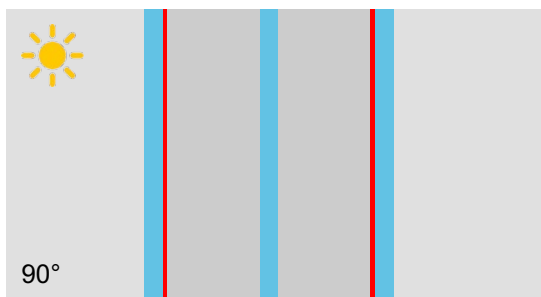


Project: TOPTHERM + ECLAZ 4E\_20\_4\_20\_E4

Location:

To:



### Energy values EN410/EN673

|      |                       |                        |
|------|-----------------------|------------------------|
| Ug   | Thermal Transmittance | 0.5 W/m <sup>2</sup> K |
| g    | Solar Factor          | 60%                    |
| atot | Total Absorption      | 21%                    |

### Light Values

|     |                               |     |
|-----|-------------------------------|-----|
| Tv  | Light Transmission            | 77% |
| pv  | External Light Reflection     | 14% |
| pv' | Internal Light Reflection     | 14% |
| Ra  | General Color Rendering Index | 98  |

### Technical Data

|   |                               |                      |
|---|-------------------------------|----------------------|
| ↔ | Thickness                     | 52 mm                |
| ⚖ | Weight                        | 30 Kg/m <sup>2</sup> |
| 🔊 | Noise Reduction [Rw(C;Ctr)dB] | 34(-2;-6)            |

### Configuration (External -> Internal)



### gA-Report

 No.: gA-276041-2025  
 gA version: 1.0  
 Date: 28-09-2025  
 Username: VAK1

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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 | 0.51 W/m²   |
| Weight                | 30 Kg/m²    |

## LIGHT BEHAVIOR

|                            |     |     |
|----------------------------|-----|-----|
| Light Transmittance        | Tv  | 77% |
| Light Reflectance External | pv  | 14% |
| Light Reflectance Internal | pv' | 14% |

## SOLAR BEHAVIOR

|                                |                |     |
|--------------------------------|----------------|-----|
| Solar Factor                   | g              | 60% |
| Secondary Heat Transfer Factor | qi             | 7%  |
| Shading Factor                 | SC             | 69% |
| Solar Transmittance            | Te             | 53% |
| Solar Reflectance              | pe             | 26% |
| Absorption of Element 1        | $\alpha_1$     | 12% |
| Absorption of Element 2        | $\alpha_2$     | 4%  |
| Absorption of Element 3        | $\alpha_3$     | 5%  |
| Solar Absorptance              | $\alpha_{tot}$ | 21% |

## UV BEHAVIOR

|                              |      |     |
|------------------------------|------|-----|
| UV Transmittance             | Tuv  | 29% |
| Material damage factor (CIE) | SMPF | 57% |
| Skin damage factor           | SSPF | 8%  |

## 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 | 90.3        |
| a coordinate Transmission | -3.3        |
| b coordinate Transmission | 3.5         |
| RGB Transmission          | 223,229,220 |
| L coordinate Reflection   | 44.8        |
| a coordinate Reflection   | 0.2         |
| b coordinate Reflection   | -5.3        |
| RGB Reflection            | 102,106,114 |

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.