



**VAK**  
izolačné a dizajnové skla

## DECLARATION OF PERFORMANCE

No. TOPTHERM ECLAZ 4\_16\_E4



Product Identifying Code - Type: SGG 4mm PLANICLEAR / 16mm Argon 90% / SGG 0mm ECLAZ - SGG 4mm PLANICLEAR

Intended Use: Sklo so zamýšľaným použitím v budovách a stavebných dielach

Manufacturer: VAK - izolačné a dizajnové skla

Harmonised Standard: EN1279-5:2018

Notified Body: CIS 04/1998

### Essential Characteristics

### AVCP System

### Performance

#### Safety in case of fire

|                                 |     |     |
|---------------------------------|-----|-----|
| Resistance to fire (EN 13501-2) | 1   | NPD |
| Reaction to fire (EN 13501-1)   | 3,4 | NPD |
| External fire performance       | 3,4 | NPD |

#### Safety in Use

|                                                                                 |   |           |
|---------------------------------------------------------------------------------|---|-----------|
| Bullet resistance (EN 1063)                                                     | 1 | NPD       |
| Explosion resistance (EN 13541)                                                 | 1 | NPD       |
| Burglar resistance (EN356)                                                      | 3 | NPD / NPD |
| Pendulum body impact resistance (EN 12600)                                      | 3 | NPD / NPD |
| Resistance against sudden temperature changes and temperature differentials [K] | 4 | NPD       |
| Resistance against wind, snow, permanent and imposed load [MPa]                 | 4 | NPD       |

#### Protection against Noise

|                                                                              |   |           |
|------------------------------------------------------------------------------|---|-----------|
| Direct Airborne sound reduction (EN 12758) $R_w$ (C ; C <sub>tr</sub> ) [dB] | 3 | 31(-1;-4) |
|------------------------------------------------------------------------------|---|-----------|

#### Thermal properties

|                                                                 |   |     |
|-----------------------------------------------------------------|---|-----|
| Declared emissivity (EN 12898)                                  | 3 | NPD |
| Thermal Transmittance (EN 673) $U_g$ value [W/m <sup>2</sup> K] | 3 | 1.1 |

#### Radiation properties

|                              |   |         |
|------------------------------|---|---------|
| Light transmittance (EN 410) | 3 | 83      |
| Light reflectance (EN 410)   | 3 | 12 / 11 |

#### Solar energy characteristics

|                                                    |   |    |
|----------------------------------------------------|---|----|
| Solar direct transmittance (EN 410)                | 3 | 64 |
| Solar direct reflectance (EN 410)                  | 3 | 22 |
| Total Solar Energy Transmittance, g-value (EN 410) | 3 | 71 |

#### Durability

**3 PASS**

NPD: No Performance Determined

The performance of the product is in conformity with the declared performances.

This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer:

#### Name and Position

Marek Vančo

#### Place and Date of Issue

Jacovce 28/09/2025

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