

## DECLARATION OF PERFORMANCE No

33.2LE/10/ESG4/10/ESG4LE+A



Manufacturer:

1. EFFECTOR S.A.  
ul. Hauke-Bosaka 2  
25-214 Kielce POLSKA

2. EFFECTOR S.A.  
Oddział Wędkowy  
83-115 Swarzędz POLSKA



Harmonised standard: PN-EN 1279-5:2018 Załącznik ZA

Intended use/es:  
Izolacyjna szyba zespolona/ Do stosowania w budownictwie i pracach budowlanych  
Insulated glass unit / for use in construction industry and construction works

Unique identification code of the product-type:  
33.2 LE-10Ar-float 4 ESG-10Ar-float LE 4 ESG

| Declared performance/s:  | Standard   | AVCP Systems | Unit of meas.         | Symbol                  | Value         |
|--|------------|--------------|-----------------------|-------------------------|---------------|
| Safety in the case of fire – Fire resistance   | EN-13501-2 | 1            | -                     |                         | NPD           |
| Safety in the case of fire – Reaction to fire  | EN-13501-1 | 3, 4         | -                     |                         | NPD           |
| Safety in the case of fire – Impact of external fire   | -          | 3, 4         |                       |                         | NPD           |
| Safety of use – Resistance to bullets: behavior in the case of breakdown and resistance to attack                      | EN 1063    | 1            | -                     |                         | NPD           |
| Safety of use – Resistance to explosion: behavior in the case of breakdown and resistance to attack                    | EN 13541   | 1            | -                     |                         | NPD           |
| Safety of use – Burglary resistance: behavior in the case of breakdown and resistance to attack                        | EN 356     | 3            | -                     |                         | P1A-NPD-NPD   |
| Safety of use – Resistance to pendulum impact: behavior in the case of breakdown (safe cracking) and impact resistance | EN 12600   | 3            | -                     |                         | 1B1-1C1-1C1   |
| Safety of use – Mechanical resistance: Resistance to sudden temperature changes and temperature differences            | EN 572     | 4            | °K                    |                         | 40-200-200    |
| Safety of use - Mechanical resistance: Glass resistance to wind, snow pressure, permanent and/or applied load          | -          | 4            | MPa                   |                         | 45/45-120-120 |
| Noise protection: Direct airborne sound insulation 3-examination; 4-estimation; 5-extension EN 12758                   | -          | 4            | dB                    | Rw(C; C <sub>tr</sub> ) | 33(0;-4)      |
| Energy saving and heat retention – Thermal properties  | EN 673     | 3            | W/(m <sup>2</sup> ·K) | U <sub>g</sub>          | 0,8           |
| Energy saving and heat retention – Radiometric properties: Light transmittance factor                                  | EN 410     | 3            | %                     | L <sub>T</sub> , TV     | 72            |
| Energy saving and heat retention - Radiometric properties: External / internal light reflection factors                | EN 410     | 3            | %                     | LR, pv/LR', p'v         | 14/14         |
| Energy saving and heat retention - Radiometric properties: Direct solar energy transmittance factor                    | EN 410     | 3            | %                     | TE, te, ET              | 43            |
| Energy saving and heat retention - Radiometric properties: Direct solar energy reflection factor                       | EN 410     | 3            | %                     | ERe, pe, ER             | 25            |
| Energy saving and heat retention - Radiometric properties: Total solar energy transmittance factor                     | EN 410     | 3            | %                     | g                       | 49            |

Notified body: 1487

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

*Pawet Obara*  
Pawet Obara

At Kielce

On

2024-07-25

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| NPD-No performance determined  |
| If there are two or more values, this means that the first value refers to the first pane, the second value to the second pane, etc.                       |
| Confirmation of the HST-Heat Soak Test, types of spacer bar and IGU with silicone UV in the documents of purchase.   |
| Values of factors apply to vertical glazing, without mullions and glass decorations.   |
| DESCRIPTION: ESG-toughened glass; TVG-semi-toughened glass; Ar-Argon; Kr-Krypton; Emalit-enamelled glass; Sitodruk-silk-screen printing; SI-acoustic foil. |