

## DECLARATION OF PERFORMANCE NO 4LE/10/4/12/33.1LE+A(SSP G)



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 attachment ZA   |                     |                       |                 |              |
| Intended use/es:  | Insulated glass unit / for use in construction industry and construction works  |                     |                       |                 |              |
| Unique identification code of the product-type:   | <b>LE04\SP10SZ\A\FL04\SP12SZ\A\VL331N</b><br><b>(LE 4MM\RAMKA SSP 10 SZARA\ARGON\FLOAT 4 MM\RAMKA SSP 12 SZARA\ARGON\VSG 33.1 LE)</b> |                     |                       |                 |              |
| <b>Declared performance/s:</b>  | <b>Standard</b>   | <b>AVCP Systems</b> | <b>Unit of meas.</b>  | <b>Symbol</b>   | <b>Value</b> |
| 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                   | -                     |                 | NPD-NPD-NPD  |
| Safety of use – Resistance to pendulum impact: behavior in the case of breakdown (safe cracking) and impact resistance  | EN 12600  | 3                   | -                     |                 | NPD-NPD-2B2  |
| Safety of use – Mechanical resistance: Resistance to sudden temperature changes and temperature differences   | EN 572  | 4                   | °K                    |                 | 40-40-40     |
| Safety of use - Mechanical resistance: Glass resistance to wind, snow pressure, permanent and/or applied load   | -   | 4                   | MPa                   |                 | 45-45-45/45  |
| Noise protection: Direct airborne sound insulation 3-examination; 4-estimation; 5-extension EN 12758  | -   | 4                   | dB                    | Rw(C;Ctr)       | 36(-2;-6)    |
| 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                   | %                     | LT,tv           | 73           |
| Energy saving and heat retention - Radiometric properties: External / internal light reflection factors   | EN 410  | 3                   | %                     | LR, ρv/LR', ρ'v | 16/16        |
| Energy saving and heat retention - Radiometric properties: Direct solar energy transmittance factor   | EN 410  | 3                   | %                     | TE, te, ET      | 44           |
| Energy saving and heat retention - Radiometric properties: Direct solar energy reflection factor  | EN 410  | 3                   | %                     | ERe, pe, ER     | 33           |
| Energy saving and heat retention - Radiometric properties: Total solar energy transmittance factor  | EN 410  | 3                   | %                     | g               | 52           |
| 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:  | <br>Paweł Obara   |                     | at Kielce             | on              | 30/12/2024   |
| 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-enameled glass; Sitodruk-silk-screen printing; SI-acoustic foil.   |   |                     |                       |                 |              |