

DECLARATION OF PERFORMANCE NO 4LE/16/4/18/33.1LE+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



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|---|--|---------------------|-----------------------|--|--------------|
| 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: | LE04\SP16SZ\A\FLO4\SP18SZ\A\VL331N (LE 4MM\RAMKA SSP 16 SZ\ARGON\FLOAT 4 MM\RAMKA SSP 18 SZARA\ARGON\VSG 33.1 LE) | | | | |
| 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 | - | | 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) | 35(-;-7) |
| Energy saving and heat retention – Thermal properties | EN 673 | 3 | W/(m ² ·K) | U _g | 0,5 |
| 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, ρ _v /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 | 53 |
| 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: | 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. | | | | | |