

# Declaration of Performance



DOP # 82

03/09/2025



Marking of Pyroguard

**T-EW60/15-1 VI**

Pyroguard UK Ltd., Millfield Lane, Haydock, Merseyside. WA11 9GA.  
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We declare under sole responsibility, the following characteristics for the CE Marking marking of this glass product, intended to be used in building and construction works, following product standard stated below :

| Manufacturing Site |                                                                                | Seingbouse, FR; Haydock, UK                                           |                      |
|--------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------|
| Notified Body (CE) |                                                                                | Efectis, FR 1812                                                      |                      |
| Product Standard   |                                                                                | EN1279-5+A2 Insulating glass units.<br>EN14449 Laminated Safety glass |                      |
| Characteristics    |                                                                                | AVCP System(s)                                                        | Declared Performance |
| 1                  | Resistance to fire (EN 13501-2)                                                | 1                                                                     | EW60/EI20            |
| 2                  | Reaction to fire (EN 13501-1)                                                  | 3, 4                                                                  | E                    |
| 3                  | External fire performances (EN13501-5)                                         | 3, 4                                                                  | NPD                  |
| 4                  | Bullet resistance (EN 1063)                                                    | 1                                                                     | NPD                  |
| 5                  | Explosion resistance (EN 13541)                                                | 1                                                                     | NPD                  |
| 6                  | Burglar resistance (EN 356)                                                    | 3                                                                     | NPD                  |
| 7                  | Pendulum body impact resistance (EN 12600)                                     | 3                                                                     | 1B1*                 |
| 8                  | Resistance against sudden temperature change and temperature differentials (K) | 4                                                                     | NPD                  |
| 9                  | Wind, snow, permanent and imposed load resistance (mm)                         | 4                                                                     | NPD                  |
| 10                 | Direct air borne sound reduction (EN 12758): Rw (C;Ctr)                        | 3                                                                     | NPD                  |
| 11                 | Heat transfer coefficient (EN 673) : Ug                                        | 3                                                                     | 1                    |
| 12                 | Normal emissivity $\epsilon_n$ coated side (EN 12898)                          | 3                                                                     | NPD                  |
| 13                 | Light transmission (EN 410): Tv                                                | 3                                                                     | 72                   |
| 14                 | Light reflection outside (EN 410) : $\rho_v$                                   | 3                                                                     | 0.18                 |
| 15                 | Light reflection inside (EN 410) : $\rho'_v$                                   | 3                                                                     | 0.16                 |
| 16                 | Total energy transmission factor (EN 410) : g                                  | 3                                                                     | 0.49                 |
| 17                 | Direct radiation transmission factor (EN 410): $T_e$                           | 3                                                                     | 0.42                 |
| 18                 | Direct radiation reflection factor outside (EN 410) : $\rho_e$                 | 3                                                                     | 0.39                 |
| 19                 | Direct radiation reflection factor inside (EN410) : $\rho'_e$                  | 3                                                                     | 0.2                  |
| 20                 | Ultraviolet transmittance (EN 410) : Tuv                                       | 3                                                                     | 0.2                  |
| 21                 | General colour rendering index (CRI) : Ra                                      | 3                                                                     | 93                   |
| 22                 | Durability (EN ISO 12543-4)                                                    | 3, 4                                                                  | YES                  |

The performance of the product identified above is in conformity with the set of declared performances. 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:

Dr Vincent Crook (Director of Technical Development, Pyroguard UK Ltd)

| Author    |                        | Validation                        |
|-----------|------------------------|-----------------------------------|
| Name      | Mr Chris Barr          | Dr Vincent Crook                  |
| Function  | Snr Fire Test Engineer | Director of Technical Development |
| Date      | 03/09/2025             | 03/09/2025                        |
| Signature | ChBa                   | ViCr                              |