

Declaration of Performance



DOP # 93

09/12/2024



Marking of Pyroguard

T-EI30/18-2 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. EN14449 Laminated Safety glass | |
| Characteristics | | AVCP System(s) | Declared Performance |
| 1 | Resistance to fire (EN 13501-2) | 1 | EI30 |
| 2 | Reaction to fire (EN 13501-1) | 3, 4 | NPD |
| 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 | 40 (-2;-6) |
| 11 | Heat transfer coefficient (EN 673) : Ug | 3 | 1 |
| 12 | Normal emissivity ϵ_n coated side (EN 12898) | 3 | NPD |
| 13 | Light transmission (EN 410): Tv | 3 | 68 |
| 14 | Light reflection outside (EN 410) : D _v | 3 | 0.22 |
| 15 | Light reflection inside (EN 410) : D _v ' | 3 | 0.21 |
| 16 | Total energy transmission factor (EN 410) : g | 3 | 0.46 |
| 17 | Direct radiation transmission factor (EN 410): T _e | 3 | 0.4 |
| 18 | Direct radiation reflection factor outside (EN 410) : D _e | 3 | 0.41 |
| 19 | Direct radiation reflection factor inside (EN410) : D _e ' | 3 | 0.23 |
| 20 | Ultraviolet transmittance (EN 410) : T _{uv} | 3 | 0.24 |
| 21 | General colour rendering index (CRI) : Ra | 3 | 94 |
| 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 in Seingbouse, France by:

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

| | Author | Validation |
|-----------|-----------------------------|-----------------------------------|
| Name | Miss Sophie Hill | Dr Vincent Crook |
| Function | Technical Support Assistant | Director of Technical Development |
| Date | 09/12/2024 | 09/12/2024 |
| Signature | SoHi | ViCr |