



CE Marking of Pyroguard T-EI60/21-1

Pyroguard UK Ltd., Millfield Lane, Haydock, Merseyside. WA11 9GA.
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We declare under his sole responsibility, the following characteristics for the CE Marking of the glass products named Pyroguard T-EI60/21-1, intended to be used in building and construction works, following product standard stated below :

| | | | |
|--------------------|---|------------------------|-----------------------------|
| Manufacturing Site | | Seinghouse, FR | |
| Notified Body | | 1812 | |
| Product Standard | | EN14449:2005 + AC:2005 | |
| | Characteristics | AVCP System(s) | Declared Performance |
| 1. | Resistance to fire (EN 13501-2) | 1 | EI60 |
| 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 | 1(B)1 |
| 8. | Resistance against sudden temperature change and temperature differentials (K) | 4 | NPD |
| 9. | Wind, snow, permanent and imposed load resistance (mm) | 4 | 21 |
| 10. | Direct air borne sound reduction (EN 12758): R_w (C;Ctr) | 3 | 42 (-1 ; -2) |
| 11. | Thermal properties -U-value (EN 673) | 3 | 5.5 |
| 12. | Thermal properties -Normal emissivity ϵ_n coated side (EN 12898) | 3 | NPD |
| 13. | Radiation properties -Light transmission / reflection (EN 410): $\tau_v / \rho_e / \rho'_e$ | 3 | 0.87 |
| 14. | Radiation properties -Solar transmission / reflection (EN 410): $\tau_e / \rho_e / \rho'_e$ | 3 | 0.08 |
| 15. | Solar Properties -Transmittance, g-value (EN410) | 3 | 0.71 |
| 16. | Solar Properties -Reflectance, g-value (EN410) | 3 | 0.08 |
| 17. | Durability (EN12543) | 3, 4 | Yes |

*Regarding performance of reaction to fire, the classification is valid only with the compliance of conditions follows: maximum thickness of spacer 28 mm (VI glass); spacer material: aluminium or steel (VI glass); PVB \neq <0.76 mm (2 x 0.38 mm) (VF glass)

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:

Neil Tilsley (CEO, Pyroguard UK Ltd)

| | | |
|------------------|----------------------------|-----------------------------------|
| | Preparation | Validation |
| Nom | Mike Rooney | Vince Crook |
| Fonction | Technical Support Engineer | Director of Technical Development |
| Date | 01-10-18 | 11/10/2018 |
| Signature | | |



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Update Tracking

| Version | Date | Reason for Update |
|---------|-----------|-------------------|
| V1 | 07/8/2018 | First version |

| | | |
|------------------|----------------------------|-----------------------------------|
| | Preparation | Validation |
| Nom | Mike Rooney | Vince Crook |
| Fonction | Technical Support Engineer | Director of Technical Development |
| Date | 01-10-18 | 1/10/2018 |
| Signature | | |