



CE Marking of Pyroguard EW30 Impact

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 EW30 Impact, intended to be used in building and construction works, following product standard stated below :

Manufacturing Site	Haydock, UK		
Notified Body	0336		
Product Standard	EN14449:2005 + AC:2005		
	Characteristics	AVCP System(s)	Declared Performance
1.	Resistance to fire (EN 13501-2)	1	EW30
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	3(B)3
8.	Resistance against sudden temperature change and temperature differentials (K)	4	40K
9.	Wind, snow, permanent and imposed load resistance (mm)	4	7
10.	Direct air borne sound reduction (EN 12758): R_w (C;Ctr)	3	33 (-2 -3)
11.	Thermal properties -U-value (EN 673)	3	5.1
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	0.90
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	0.83
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)

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