



**CE Marking of Pyroguard T EW30/60/90/120 13-1**

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 EW30/60/90/120 13-1, intended to be used in building and construction works, following product standard stated below :

	Manufacturing Site	Seingbouse, FR & Haydock, UK	
	Notified Body	1812 & 0336	
	Product Standard	EN14449:2005 + AC:2005	
	<b>Characteristics</b>	<b>AVCP System(s)</b>	<b>Declared Performance</b>
1.	Resistance to fire (EN 13501-2)	1	EW 30/60/90/120 E115 E180
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	13
10.	Direct air borne sound reduction (EN 12758): $R_w$ (C;Ctr)	3	37 (-1; -2)
11.	Thermal properties -U-value (EN 673)	3	5.1
12.	Thermal properties -Normal emissivity $\epsilon_n$ coated side (EN 12898)	3	NPD
13.	Radiation properties -Light transmission / reflection (EN 410): $\tau_v / \rho_e / \rho'_e$	3	0.88
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	0.76
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  $\leq$  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)

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



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Update Tracking

Version	Date	Reason for Update
V1	01/8/2018	First version

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