

## CE Marking of Pyrostem

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

Manufacturing Site		Haydock, UK	
Notified Body		0757	
Product Standard		EN 572-9	
Characteristics		AVCP System(s)	Declared Performance
1.	Resistance to fire (EN 13501-2)	1	E30
2.	Reaction to fire (EN 13501-1)*	3, 4	A1
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	3B3
8.	Resistance against sudden temperature change and temperature differentials (K)	4	40K
9.	Wind, snow, permanent and imposed load resistance (mm)	4	NPD
10.	Direct air borne sound reduction (EN 12758): $R_w$ (C;Ctr)	3	31 (-;-3)
11.	Thermal properties -U-value (EN 673)	3	5.7
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	0.81
16.	Solar Properties -Reflectance, g-value (EN410)	3	0.07
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	11/02/18	
Signature			



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Update Tracking

Version	Date	Reason for Update
V1	31/7/2018	First version

	<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>		