

# Declaration of Performance



DOP # 1

09/12/2024



Marking of Pyroguard

## Pyrostem

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 :

	<b>Manufacturing Site</b>	<b>Haydock, UK</b>	
	Notified Body (CE)	<b>TUV, NL 0336</b>	
	Product Standard	EN572-9 Polished wired glass product	
	<b>Characteristics</b>	<b>AVCP System(s)</b>	<b>Declared Performance</b>
1	Resistance to fire (EN 13501-2)	1	EW30
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	NPD
9	Wind, snow, permanent and imposed load resistance (mm)	4	7.2
10	Direct air borne sound reduction (EN 12758): Rw (C;Ctr)	3	31 (-1, -3)
11	Heat transfer coefficient (EN 673) : Ug	3	5.7
12	Normal emissivity $\epsilon_n$ coated side (EN 12898)	3	NPD
13	Light transmission (EN 410): Tv	3	87.8
14	Light reflection outside (EN 410) : D <sub>v</sub>	3	0.08
15	Light reflection inside (EN 410) : D <sub>v</sub> '	3	0.08
16	Total energy transmission factor (EN 410) : g	3	NPD
17	Direct radiation transmission factor (EN 410): T <sub>e</sub>	3	0.807
18	Direct radiation reflection factor outside (EN 410) : D <sub>e</sub>	3	0.069
19	Direct radiation reflection factor inside (EN410) : D <sub>e</sub> '	3	0.069
20	Ultraviolet transmittance (EN 410) : T <sub>uv</sub>	3	NPD
21	General colour rendering index (CRI) : Ra	3	NPD
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)

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