

Declaration of Performance



DOP # 175

03/09/2025



Marking of Pyroguard

T-EI90/47-3 SWS

Pyroguard UK Ltd., Millfield Lane, Haydock, Merseyside. WA11 9GA.
Tel.: +44 (0) 1942 710 720

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 :

	Manufacturing Site	Seingbouse, FR; Haydock, UK	
	Notified Body (CE)	Efectis, FR 1812	
	Product Standard	EN14449 Laminated Safety glass	
	Characteristics	AVCP System(s)	Declared Performance
1	Resistance to fire (EN 13501-2)	1	EI90
2	Reaction to fire (EN 13501-1)	3, 4	A2-s1,d0
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	P1A
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	NPD
10	Direct air borne sound reduction (EN 12758): Rw (C;Ctr)	3	46 (-1;-2)
11	Heat transfer coefficient (EN 673) : Ug	3	4.6
12	Normal emissivity ϵ_n coated side (EN 12898)	3	NPD
13	Light transmission (EN 410): Tv	3	72
14	Light reflection outside (EN 410) : ρ_v	3	0.18
15	Light reflection inside (EN 410) : ρ'_v	3	0.18
16	Total energy transmission factor (EN 410) : g	3	0.56
17	Direct radiation transmission factor (EN 410): T_e	3	0.47
18	Direct radiation reflection factor outside (EN 410) : ρ_e	3	0.12
19	Direct radiation reflection factor inside (EN410) : ρ'_e	3	0.12
20	Ultraviolet transmittance (EN 410) : Tuv	3	0.25
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 by:

Dr Vincent Crook (Director of Technical Development, Pyroguard UK Ltd)

	Author	Validation
Name	Mr Chris Barr	Dr Vincent Crook
Function	Snr Fire Test Engineer	Director of Technical Development
Date	03/09/2025	03/09/2025
Signature	ChBa	ViCr