

Declaration of Performance



DOP # 206

03/09/2025



Marking of Pyroguard

T-EW/21.5

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 :

Manufacturing Site		Seingbouse, FR; Haydock, UK	
Notified Body (CE)		Efectis, FR 1812	
Product Standard		EN12150-2 Toughened safety glass EN14449 Laminated Safety glass BS 6180:2011	
Characteristics		AVCP System(s)	Declared Performance
1	Resistance to fire (EN 13501-2)	1	EW120/EI20
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	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	NPD
10	Direct air borne sound reduction (EN 12758): Rw (C;Ctr)	3	NPD
11	Heat transfer coefficient (EN 673) : Ug	3	5.2
12	Normal emissivity ϵ_n coated side (EN 12898)	3	NPD
13	Light transmission (EN 410): Tv	3	86
14	Light reflection outside (EN 410) : ρ_v	3	0.08
15	Light reflection inside (EN 410) : ρ'_v	3	0.08
16	Total energy transmission factor (EN 410) : g	3	0.71
17	Direct radiation transmission factor (EN 410): T_e	3	0.64
18	Direct radiation reflection factor outside (EN 410) : ρ_e	3	0.06
19	Direct radiation reflection factor inside (EN410) : ρ'_e	3	0.06
20	Ultraviolet transmittance (EN 410) : Tuv	3	0.5
21	General colour rendering index (CRI) : Ra	3	96
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