

Declaration of Performance



DOP # 171

09/12/2024



Marking of Pyroguard

T-EW/25-1

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)		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	NPD
12	Normal emissivity ϵ_n coated side (EN 12898)	3	NPD
13	Light transmission (EN 410): Tv	3	84
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	0.67
17	Direct radiation transmission factor (EN 410): T_e	3	0.59
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	0.42
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)

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