

Declaration of Performance



DOP # 158

09/12/2024



Marking of Pyroguard

Smokeguard DH30/8

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	
	Notified Body (CE)	1812	
	Product Standard	EN12101-1 SMOKE BARRIERS EN12150-2 Toughened safety glass	
	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	1C1
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	32
11	Heat transfer coefficient (EN 673) : Ug	3	5.6
12	Normal emissivity ϵ_n coated side (EN 12898)	3	NPD
13	Light transmission (EN 410): Tv	3	90
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	0.85
17	Direct radiation transmission factor (EN 410): T_e	3	0.82
18	Direct radiation reflection factor outside (EN 410) : ρ_e	3	0.07
19	Direct radiation reflection factor inside (EN410) : ρ'_e	3	0.07
20	Ultraviolet transmittance (EN 410) : Tuv	3	0.65
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:

A handwritten signature in blue ink, appearing to be "V. Crook", with a long horizontal stroke extending to the right.

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