

Declaration of Performance



Pyroguard

TECHNICAL FIRE SAFETY GROUP

DOP # 31

06/01/2022



Marking of Pyroguard

EW30 IMPACT

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 and UKCA marking of this glass product, intended to be used in building and construction works, following product standard stated below :

	Manufacturing Site	Haydock, UK	
	Notified Body	TUV, NL 0336	
	Product Standard	EN14449 Laminated Safety glass	
	Characteristics	AVCP System(s)	Declared Performance
1	Resistance to fire (EN 13501-2)	1	EW30
2	Reaction to fire (EN 13501-1)	3, 4	NPD
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	2B2
8	Resistance against sudden temperature change and temperature differentials (K)	4	NPD
9	Wind, snow, permanent and imposed load resistance (mm)	4	7
10	Direct air borne sound reduction (EN 12758): R_w (C:Ctr)	3	33 (-2;-3)
11	Heat transfer coefficient (EN 673) : U_g	3	5,7
12	Normal emissivity ϵ_n coated side (EN 12898)	3	NPD
13	Light transmission (EN 410): T_v	3	90
14	Light reflection outside (EN 410) : D_v	3	0,08
15	Light reflection inside (EN 410) : D'_v	3	0,08
16	Total energy transmission factor (EN 410) : g	3	0,83
17	Direct radiation transmission factor (EN 410): T_e	3	0,8
18	Direct radiation reflection factor outside (EN 410) : D_e	3	0,08
19	Direct radiation reflection factor inside (EN410) : D'_e	3	0,08
20	Ultraviolet transmittance (EN 410) : T_{uv}	3	0,4
21	General colour rendering index (CRI) : R_a	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	Mr Simon Ellison	Dr Vincent Crook
Function	Technical Support Manager	Director of Technical Development
Date	06/01/2022	06/01/2022
Signature	SEI	ViCr