

Declaration of Performance



Pyroguard

TECHNICAL FIRE SAFETY GROUP

DOP # 20

06/01/2022



Marking of Pyroguard

T-EW30/6 TVI

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

Manufacturing Site		Seingbouse, UK; Oldbury, UK	
Notified Body		Efectis, FR 1812	
Product Standard		EN12150-2 Toughened safety glass EN1279-5+A2 Insulating glass units.	
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	1C1
8	Resistance against sudden temperature change and temperature differentials (K)	4	NPD
9	Wind, snow, permanent and imposed load resistance (mm)	4	38
10	Direct air borne sound reduction (EN 12758): R_w (C;Ctr)	3	35 (-1;-5)
11	Heat transfer coefficient (EN 673) : U_g	3	0,7
12	Normal emissivity ϵ_n coated side (EN 12898)	3	NPD
13	Light transmission (EN 410): T_v	3	57
14	Light reflection outside (EN 410) : D_v	3	0,23
15	Light reflection inside (EN 410) : D'_v	3	0,26
16	Total energy transmission factor (EN 410) : g	3	0,38
17	Direct radiation transmission factor (EN 410): T_e	3	0,31
18	Direct radiation reflection factor outside (EN 410) : D_e	3	0,32
19	Direct radiation reflection factor inside (EN410) : D'_e	3	0,46
20	Ultraviolet transmittance (EN 410) : T_{uv}	3	0,16
21	General colour rendering index (CRI) : R_a	3	92
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	