

Declaration of Performance



DOP # 27

09/12/2024



Marking of Pyroguard

T-EW60/6 TVI

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, UK; Oldbury, UK	
Notified Body (CE)		Efectis, FR 1812	
Product Standard		EN12150-2 Toughened safety glass	
Characteristics		AVCP System(s)	Declared Performance
1	Resistance to fire (EN 13501-2)	1	EW60
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	NPD
10	Direct air borne sound reduction (EN 12758): Rw (C;Ctr)	3	35 (-1;-5)
11	Heat transfer coefficient (EN 673) : Ug	3	0.5
12	Normal emissivity ϵ_n coated side (EN 12898)	3	NPD
13	Light transmission (EN 410): Tv	3	68
14	Light reflection outside (EN 410) : D _v	3	0.19
15	Light reflection inside (EN 410) : D _v '	3	0.21
16	Total energy transmission factor (EN 410) : g	3	0.47
17	Direct radiation transmission factor (EN 410): T _e	3	0.4
18	Direct radiation reflection factor outside (EN 410) : D _e	3	0.35
19	Direct radiation reflection factor inside (EN410) : D _e '	3	0.41
20	Ultraviolet transmittance (EN 410) : T _{uv}	3	0.25
21	General colour rendering index (CRI) : Ra	3	94
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