

CE Marking of Pyroguard T-EI90/47-3 SWS

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We declare under his sole responsibility, the following characteristics for the CE Marking of the glass products named Pyroguard T-EI90/47-3 SWS, intended to be used in building and construction works, following product standard stated below :

	Manufacturing Site	Seinghouse, FR & Haydock, UK	
	Notified Body	1812	
	Product Standard	EN14449:2005 + AC:2005	
	Characteristics	AVCP System(s)	Declared Performance
1.	Resistance to fire (EN 13501-2)	1	EI 90
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	1B2
8.	Resistance against sudden temperature change and temperature differentials (K)	4	NPD
9.	Wind, snow, permanent and imposed load resistance (mm)	4	47
10.	Direct air borne sound reduction (EN 12758): R_w (C;Ctr)	3	NPD
11.	Heat transfer coefficient (EN 673) : U_g	3	4.6
12.	Normal emissivity ϵ_n coated side (EN 12898)	3	NPD
13.	Light transmission (EN 410): T_v	3	0.72
14.	Light reflection outside (EN 410) : ρ_v	3	0.18
15.	Light reflection inside (EN 410) : ρ'_v	3	0.18
16.	Total energy transmission factor (EN 410) : g	3	0.56
17.	Direct radiation transmission factor (EN 410): T_e	3	0.47
18.	Direct radiation reflection factor outside (EN 410) : ρ_e	3	0.12
19.	Direct radiation reflection factor inside (EN410) : ρ'_e	3	0.12
20.	Ultraviolet transmittance (EN 410) : T_{uv}	3	0.25
21.	Durability (EN12543)	3, 4	Yes

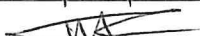

*Regarding performance of reaction to fire, the classification is valid only with the compliance of conditions follows: maximum thickness of spacer 28 mm (VI glass); spacer material: aluminium or steel (VI glass); PVB ≤ 0.76 mm (2 x 0.38 mm) (VF glass)

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 Haydock, UK by:


Neil Tilsley (CEO, Pyroguard UK Ltd)

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	Preparation	Validation
Name	Mike Rooney	Vince Crook
Function	Technical Support Engineer	Director of Technical Development
Date	03/12/2019	3/12/2019
Signature		



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Update Tracking

Version	Date	Reason for Update
V1	01/8/2018	First version
V2	03/12/2019	FR → EN ; added SWS term
V3	03/12/2019	EN410 data revised / reaction to fire classification added

	Preparation	Validation
Name	Mike Rooney	Vince Crook
Function	Technical Support Engineer	Director of Technical Development
Date	03/12/2019	3/12/2019
Signature		