DECLARATION OF PERFORMANCE

Nr: CPR-2025-32Z-1

1. **Unique identification code of the product-type:**

Poliuretan Spray S32-Z-W. PU EN14315-1-CCC4-CT3(22)-GT7(22)-TFT8(22)-FRB33(22)

2. **Intended use/es:**

Thermal insulation for buildings

3. **Manufacturer:**

SYNTHESIA TECHNOLOGY EUROPE, S.L.U.
Argent,3 - 08755 Castellbisbal (Barcelona-España)
www.synthesia.com

5. **System/s of AVCP:**

AVCP - System 4

6. **Harmonised standard:**

EN 14315-1: 2013 + NB-CPR/SG19-22/213r1 (12/12/2022)

Notified body/ies:

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7. **Declared performance/s:**

ESSENTIAL CHARACTERISTICS		PERFORMANCE
Reaction to fire	Reaction to fire, Euroclasses	NPD
Water permeability	Short term water absorption by partial immersion (Wp; Kg/m^2)	NPD
Thermal resistance	Thermal resistance and thermal conductivity	See performance chart
Permeabilidad al vapor de agua	Water vapour transmission (μ)	NPD
Compressive strength	Compressive stress or compressive strength	NPD
Durability of reaction to fire against ageing/degradation	Durability characteristics	[a]
Durability of thermal resistance against ageing/degradation	Durability characteristics	[b]
Durability of compressive strength against ageing/degradation	Durability characteristics	[c]
Continuous glowing combustion	Continuous glowing combustion	[d]

[a] The reaction to fire performance of PU products does not decrease with time.

[b] The thermal resistance declared is determined with an ageing procedure.

[c] The compression strength of PU products does not decrease with time.

[d] No harmonised test method available.

PERFORMANCE CHART

Sprayed insulation foam product CCC4 system. Diffusion open faces.

e_p	25	30	35	40	45	50	55	60	65
λ_D	0,028	0,028	0,028	0,028	0,028	0,028	0,028	0,028	0,028
R_D	0,90	1,05	1,25	1,45	1,60	1,80	1,95	2,15	2,35
e_p	70	75	80	85	90	95	100	105	110
λ_D	0,028	0,028	0,027	0,027	0,027	0,027	0,027	0,027	0,027
R_D	2,50	2,70	3,00	3,20	3,40	3,55	3,75	3,95	4,15
e_p	115	120	125	130	135	140	145	150	155
λ_D	0,027	0,026	0,026	0,026	0,026	0,026	0,026	0,026	0,026
R_D	4,30	4,70	4,90	5,10	5,30	5,45	5,65	5,85	6,05
e_p	160	165	170	175	180	185	190	195	200
λ_D	0,026	0,026	0,026	0,026	0,026	0,026	0,026	0,026	0,026
R_D	6,25	6,45	6,65	6,85	7,05	7,25	7,45	7,65	7,85

e_p Thickness; mm

λ_D Declared aged thermal conductivity; (W/mK)

R_D Thermal resistance level; (m^2K/W)

The performance of the product identified above is in conformity with the set of declared performance/s.

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 manufactured by:

At Barcelona on 20/11/2025

David Palleja

CEO

Synthesia Technology Europe, S.L.U