

UK DECLARATION OF PERFORMANCE

Nº: UKDoP-OC008FR-2

1. Unique identification code of the product-type:

Poliuretán Spray S-OC-008FR/ Isocianato H. PU EN14315-1-CCC1-CT5(22)-GT11(22)-TFT14(22)-FRC8(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. Designated standard:

BS EN 14315-1: 2013

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	d
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 CCC1 system. Diffusion open faces.

e_p	35	40	45	50	55	60	65	70	75
λ _D	0,039	0,039	0,039	0,039	0,039	0,039	0,039	0,039	0,039
R _D	0,90	1,00	1,15	1,30	1,40	1,55	1,70	1,80	1,95
e_p	80	85	90	95	100	105	110	115	120
λ _D	0,039	0,039	0,039	0,039	0,039	0,039	0,039	0,039	0,039
R _D	2,05	2,20	2,35	2,45	2,60	2,75	2,85	3,00	3,10
e_p	125	130	135	140	145	150	155	160	165
λ _D	0,039	0,039	0,039	0,039	0,039	0,039	0,039	0,039	0,039
R _D	3,25	3,40	3,50	3,65	3,80	3,90	4,05	4,15	4,30
e_p	170	175	180	185	190	195	200	205	210
λ _D	0,039	0,039	0,039	0,039	0,039	0,039	0,039	0,039	0,039
R _D	4,45	4,55	4,70	4,85	4,95	5,10	5,20	5,35	5,50
e_p	215	220	225	230	235	240	245	250	255
λ _D	0,039	0,039	0,039	0,039	0,039	0,039	0,039	0,039	0,039
R _D	5,60	5,75	5,90	6,00	6,15	6,25	6,40	6,55	6,65
e_p	260	265	270	275	280	285	290	295	300
λ _D	0,039	0,039	0,039	0,039	0,039	0,039	0,039	0,039	0,039
R _D	6,80	6,95	7,05	7,20	7,30	7,45	7,60	7,70	7,85

- e_p Thickness; mm
- λ_D Declared aged thermal conductivity; (W/mK)
- R_D Thermal resistance level; (m²K/W)

EU Regulation 305/2011, as retained in UK law, and as amended by SI no. 465/2019 (the Construction Products (Amendment etc.) (EU Exit) Regulations 2019) and SI no. 1359/2020 (the Construction Products (Amendment etc.) (EU Exit) Regulations 2020.)

Signed for and on behalf of the manufactured by:

At Barcelona on 14/07/2023



Davidalleja
CEO
Synthesia Technology Europe, S.L.U