UK DECLARATION OF PERFOMANCE

Nº: UKDoP-OC008-2

1. Unique identification code of the product-type:

Poliuretan Spray S-OC-008 /Isocianato H. H. PU EN14315-1-CCC1-CT5(22)-GT12(22)-TFT14(22)-FRC7,5(22)-W5-MU2

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 + NB-CPR/SG19-22/213r1 (12/12/2022)

Notified body/ies:

CEIS/Centro de ensayos, innovación y Servicios- Notified body Nr. 1722

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/m2)	≤5
Thermal resistance	Thermal resistance and thermal conductivity	See performance chart
Water vapour permeability	Water vapour transmission (μ)	≥2
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 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; (m^2K/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 26/06/2024

David Palleja

CEO

Synthesia Technology Europe, S.L.U