

UK DECLARATION OF PERFORMANCE

Nº: UKDoP-303HFO-1

1. Unique identification code of the product-type:

Poliuretán Spray S-303 HFO-S / Isocianato H
 Poliuretán Spray S-303 HFO-W / Isocianato H

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 3

6. Designated standard:

BS EN 14315-1: 2013

Notified body/ies:

CEIS/Centro de ensayos, innovación y Servicios- Notified body Nr. 1722
 LGAI TECHNOLOGICAL CENTER, S.A/APPLUS - Notified body Nr. 0370

7. Declared performance/s:

ESSENTIAL CHARACTERISTICS		PERFORMANCE
Reaction to fire	Reaction to fire, Euroclasses	E
Water permeability	Short term water absorption by partial immersion (Wp; Kg/m ²)	≤0,20
Thermal resistance	Thermal resistance and thermal conductivity	See performance chart
Permeabilidad al vapor de agua	Water vapour transmission (μ)	≥70
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 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	1,10	1,25	1,45	1,65	1,85	2,00	2,20	2,40
e_p	70	75	80	85	90	95	100	105	110
λ _D	0,028	0,028	0,026	0,026	0,026	0,026	0,026	0,026	0,026
R _D	2,55	2,75	3,10	3,25	3,45	3,65	3,85	4,05	4,25
e_p	115	120	125	130	135	140	145	150	155
λ _D	0,026	0,025	0,025	0,025	0,025	0,025	0,025	0,025	0,025
R _D	4,45	4,80	5,00	5,20	5,40	5,60	5,80	6,00	6,20
e_p	160	165	170	175	180	185	190	195	200
λ _D	0,025	0,025	0,025	0,025	0,025	0,025	0,025	0,025	0,025
R _D	6,45	6,65	6,85	7,05	7,25	7,45	7,65	7,85	8,05

- 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 11/11/2022



David Palleja
CEO
Synthesia Technology Europe, S.L.U