

DECLARATION OF PERFORMANCE

Nr: CPR-2013-I905-3

1. Unique identification code of the product-type:

Phono Spray I-905 / Isocianato H
 PU EN14318-1-CCC1-CT14(22)-GT40(22)-TFT43(22)-FRB18(22)-W2,00-MU5

2. Intended use/es:

Thermal insulation for buildings

3. Manufacturer:

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

5. System/s of AVCP:

AVCP- System 4

6. Harmonised standard:

EN 14318-1: 2013

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/m ²)	≤2
Thermal resistance	Thermal resistance and thermal conductivity	See performance chart
Water vapour permeability	Water vapour transmission (μ)	≥5
Release of dangerous substances to the indoor environment	Release of dangerous substances	a
Durability of reaction to fire against ageing/degradation	Durability characteristics	b
Durability of thermal resistance against ageing/degradation	Durability characteristics	c
Continuous glowing combustion	Continuous glowing combustion	a

a No harmonised test method available.

b The reaction to fire performance of PU products does not decrease with time.

c The thermal resistance declared is determined with an ageing procedure.

PERFORMANCE CHART

Insulation foam dispensed. CCC1 system. Diffusion open faces.

e_p	25	30	35	40	45	50	55	60	65
λ _D	0,038	0,038	0,038	0,038	0,038	0,038	0,038	0,038	0,038
R _D	0,65	0,75	0,90	1,05	1,15	1,30	1,45	1,55	1,70
e_p	70	75	80	85	90	95	100	105	110
λ _D	0,038	0,038	0,038	0,038	0,038	0,038	0,038	0,038	0,038
R _D	1,80	1,95	2,10	2,20	2,35	2,50	2,60	2,75	2,90
e_p	115	120	125						
λ _D	0,038	0,038	0,038						
R _D	3,00	3,15	3,25						

- e_p Thickness; mm
- λ_D Declared aged thermal conductivity; (W/mK)
- R_D Thermal resistance level; (m2K/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 30/10/2023



Davidalleja
CEO
Synthesia Technology Europe, S.L.U