

DECLARATION OF PERFORMANCE

Nr: CPR-2013-I905-2

1. Unique identification code of the product-type:

Phono Spray I-905/Isocianato H

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 3 (RtF)

6. Harmonised standard:

EN 14318-1: 2013

Notified body/ies:

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

FUNDACIÓN TECNALIA RESEARCH & INNOVATION - Notified body Nr. 1292

7. Declared performance/s:

ESSENTIAL CHARACTERISTICS		PERFORMANCE
Reaction to fire	Reaction to fire, Euroclasses	F
Water permeability	Short term water absorption by partial immersion (Wp; Kg/m ²)	2,0
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 21/11/2022



Davidalleja

CEO

Synthesia Technology Europe, S.L.U