

DECLARATION OF PERFORMANCE

Nr: CPR-2013-OC008

1. **Unique identification code of the product-type:**
Poliuretán Spray S-OC-008 /Isocianato H. PU EN14315-1-CCC1-CT6(22)-GT14(22)-TFT18(22)-FRB9(22)-W1,0-MU5
2. **Intended use/es:**
Thermal insulation for buildings
3. **Manufacturer:**
SYNTHESIA INTERNACIONAL, S.L.U.
Argent,3 - 08755 Castellbisbal (Barcelona-España)
www.synthesiainternacional.com
5. **System/s of AVCP:**

AVCP- System 3
6. **Harmonised standard:**
EN 14315-1: 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	E
Water permeability	Short term water absorption by partial immersion (W_p ; Kg/m ²)	1,00
Thermal resistance	Thermal resistance and thermal conductivity	See performance chart
Water vapour permeability	Water vapour transmission (μ)	5
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	25	30	35	40	45	50	55	60	65
λ_D	0,037	0,037	0,037	0,037	0,037	0,037	0,037	0,037	0,037
R_D	0,65	0,80	0,90	1,05	1,20	1,35	1,45	1,60	1,75
e_p	70	75	80	85	90	95	100	105	110
λ_D	0,037	0,037	0,037	0,037	0,037	0,037	0,037	0,037	0,037
R_D	1,85	2,00	2,15	2,30	2,40	2,55	2,70	2,80	2,95
e_p	115	120	125	130	135	140	145	150	155
λ_D	0,037	0,037	0,037	0,037	0,037	0,037	0,037	0,037	0,037
R_D	3,10	3,25	3,35	3,50	3,65	3,75	3,90	4,05	4,20
e_p	160	165	170	175	180	185	190	195	200
λ_D	0,037	0,037	0,037	0,037	0,037	0,037	0,037	0,037	0,037
R_D	4,30	4,45	4,60	4,70	4,85	5,00	5,15	5,25	5,40

e_p Thickness; mm

λ_D Declared aged thermal conductivity; (W/mK)

R_D Thermal resistance level; ($m^2 K/W$)

*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 08/09/2014



Sergio Balcells Sanahuja
Director General | CEO
Synthesia Internacional, S.L.U.