DECLARATION OF PERFORMANCE

Nr: CPR-2013-7136-4

1. **Unique identification code of the product-type:**
   Poliol 7136 / Isocianato H
   PU EN14318-1-CCC4-CT10(22)-GT75(22)-TFT100(22)-FRC30,5(22)-MU60

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)	NPD
Thermal resistance	Thermal resistance and thermal conductivity	See perfomance chart
Water vapour permeability	Water vapour transmission (μ)	≥60
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. 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	1,05	1,25	1,40	1,60	1,75	1,95	2,10	2,30
e_p	70	75	80	85	90	95	100	105	110
λ_D	0,028	0,028	0,027	0,027	0,027	0,027	0,027	0,027	0,027
R_D	2,50	2,65	2,95	3,15	3,35	3,55	3,70	3,90	4,10
e_p	115	120	125						
λ_D	0,027	0,026	0,026						
R_D	4,30	4,65	4,85						

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 31/10/2023

David Palleja

CEO

Synthesia Technology Europe, S.L.U