

DECLARATION OF PERFORMANCE

Nr: CPR-2021-351C HFO-6

1. Unique identification code of the product-type:

Poliuretán Spray RF-351C HFO / 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

AVCP- System 1

6. Harmonised standard:

EN 14315-1: 2013

Notified body/ies:

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

Asociación Española de Normalización y Certificación (AENOR)-Notified body Nr 0099

AFITI/ Asociación para el Fomento de la Investigación y la Tecnología de la Seguridad contra Incendios - Notified body Nr. 1168

7. Declared performance/s:

| ESSENTIAL CHARACTERISTICS | | PERFORMANCE |
|---------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------|
| Reaction to fire | Reaction to fire, Euroclasses | C-s3,d0 |
| Water permeability | Short term water absorption by partial immersion (Wp; Kg/m ²) | 0,2 |
| Thermal resistance | Thermal resistance and thermal conductivity | See performance chart |
| Water vapour permeability | Water vapour transmission (μ) | 40 |
| 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 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 | |
| λ _D | 0,026 | 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 | |

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 13/01/2023



Davidalleja
 CEO
 Synthesia Technology Europe, S.L.U