

## DECLARATION OF PERFORMANCE

Nr: CPR-2026-N-38Z-2

**1. Unique identification code of the product-type:**

Poliuretán Spray S38-Z / Isocianato H - PU EN14315-1-DS{TH}3-CCC4-CT3(22)-GT8(22)-TFT9(22)-FRB37(22)-W0,2-CS(10\Y)200-MU70

**2. Intended use/es:**

ThIB- Thermal insulation for buildings

**3. Manufacturer:**

SYNTHESIA TECHNOLOGY SASU

Lieudit La Cabane Vieille - 13550 Noves (France)

[www.synthesia.com](http://www.synthesia.com)

**5. System/s of AVCP:**

AVCP- System 3

**6. Harmonised standard:**

EN 14315-1: 2013 + NB-CPR/SG19-22/213r1 (12/12/2022)

**Notified body/ies:**

LGA1 TECHNOLOGICAL CENTER, S.A/APPLUS - Organismo notificado nº 0370

CEIS/Centro de ensayos, innovación y Servicios - Organismo notificado nº 1722

**7. Declared performance/s:**

| ESSENTIAL CHARACTERISTICS                                     |                                                              | PERFORMANCE           |
|---------------------------------------------------------------|--------------------------------------------------------------|-----------------------|
| Reaction to fire                                              | Reaction to fire, Euroclasses                                | E                     |
| Water permeability                                            | Short term water absorption by partial immersion (Wp; Kg/m2) | ≤0,2                  |
| Thermal resistance                                            | Thermal resistance and thermal conductivity                  | See performance chart |
| Water vapour permeability                                     | Water vapour transmission (μ)                                | ≥70                   |
| Compressive strength                                          | Compressive stress or compressive strength                   | CS(10\Y)200           |
| 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    |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| $\lambda_D$ | 0,026 | 0,026 | 0,026 | 0,026 | 0,026 | 0,026 | 0,026 | 0,026 | 0,026 |
| $R_D$       | 0,95  | 1,15  | 1,35  | 1,55  | 1,75  | 1,95  | 2,15  | 2,30  | 2,50  |
| $e_p$       | 70    | 75    | 80    | 85    | 90    | 95    | 100   | 105   | 110   |
| $\lambda_D$ | 0,026 | 0,026 | 0,026 | 0,025 | 0,025 | 0,025 | 0,025 | 0,025 | 0,025 |
| $R_D$       | 2,70  | 2,90  | 3,10  | 3,50  | 3,70  | 3,90  | 4,15  | 4,35  | 4,55  |
| $e_p$       | 115   | 120   | 125   | 130   | 135   | 140   | 145   | 150   | 155   |
| $\lambda_D$ | 0,025 | 0,025 | 0,025 | 0,025 | 0,025 | 0,025 | 0,025 | 0,025 | 0,025 |
| $R_D$       | 4,75  | 4,95  | 5,15  | 5,35  | 5,60  | 5,80  | 6,00  | 6,20  | 6,40  |
| $e_p$       | 160   | 165   | 170   | 175   | 180   | 185   | 190   | 195   | 200   |
| $\lambda_D$ | 0,025 | 0,025 | 0,025 | 0,025 | 0,025 | 0,025 | 0,025 | 0,025 | 0,025 |
| $R_D$       | 6,60  | 6,85  | 7,05  | 7,25  | 7,45  | 7,65  | 7,85  | 8,05  | 8,30  |

$e_p$  Thickness; mm

$\lambda_D$  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 Noves on 09/06/2026



Davidalleja

CEO

Synthesia Technology