

**DECLARATION OF PERFORMANCE (DoP)**

N° DoP: XPS-TR-001

14/01/2025

VERSION 11

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

Extruded polystyrene foam: XPS-EN13164-T1-CS(10\Y)300-WL(T)0,7-DS(70-)

**2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:**

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**3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:**

Thermal Insulation for Buildings (ThIB)

**4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5) of the CPR:**

DANOSA- POL. IND. SECTOR 9-19290 FONTANAR-GUADALAJARA (SPAIN)

Tel.: +34 949 88 82 10 - info@danosa.com

**5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2) of the CPR:**

Not relevant

**6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:**

3 (EN 13164:2012) (FPC+ITT)

**7. Products covered by a harmonised standard: Name and number of the notified body:**

AFIT/1168

CEIS/1722

8. Declared performance:

| Essential Characteristics   | Performance                                      |                              | Harmonized Technical Specification |
|---|--|------------------------------|------------------------------------|
| Thermal resistance / Thermal conductivity   | $R_D$ [ $m^2K/W$ ]                               | $\lambda_D$ [ $W/m\cdot K$ ] | EN 13164:2012 + A1:2015            |
| Thickness: 40 mm  | 1,20   | 0,033                        |                                    |
| Thickness: 50 mm  | 1,50   | 0,033                        |                                    |
| Thickness: 60 mm  | 1,80   | 0,033                        |                                    |
| Thickness: 70 mm  | 2,05   | 0,034                        |                                    |
| Thickness: 80 mm  | 2,35   | 0,034                        |                                    |
| Thickness: 90 mm  | 2,55   | 0,035                        |                                    |
| Thickness: 100 mm   | 2,85   | 0,035                        |                                    |
|   | Thickness tolerance                              | T1                           |                                    |
| Reaction to fire  | E  |                              |                                    |
| Durability of the fire reaction against heat, weathering, ageing / degradation      | Durability                                       | (1)                          |                                    |
| Durability of the thermal resistance against heat, weathering, ageing / degradation | Durability                                       | DS(70)                       |                                    |
| Compressive strength  | Compressive strength                             | CS(10\Y)300                  |                                    |
| Tensile / flexural strength   | Tensile strength perpendicular to faces          | NPD                          |                                    |
| Durability of compressive strength against ageing / degradation                     | Compressive creep                                | NPD                          |                                    |
| Water permeability  | Long-term water absorption after total immersion | WL(T)0,7                     |                                    |
| Water vapour permeability   | Water vapour transmission                        | NPD                          |                                    |
| Release of dangerous substances   | (2)  |                              |                                    |
| Continuous glowing combustion   | (2)  |                              |                                    |

(1) The fire performance of XPS does not deteriorate with time.

(2) European test methods are under development.

NPD: No Performance Determined

The performances of the product identified in points 1 and 2 are in conformity with the declared performance in point 8.

This DoP 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 manufacturer by:

| Name and function                    | Place and Date of issue      | Signature   |
|--------------------------------------|------------------------------|---|
| Carlos Leonardo, responsable técnico | Fontanar-Guadalajara (Spain) |  |
|                                      | 14/01/2025                   |   |