# DECLARATION OF PERFORMANCE (DoP)

Nº DoP: LBM-FPR/G-001A
30/06/2022
VERSIÓN 04

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

Elastomer modified bitumen sheet with polyester reinforcement with mineral granules finishing (anti-root additives).

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

POLYDAN PRO 50/GP GREEN GARDEN TYPE (SBS/PY)/GR

POLYDAN PRO 50/GP GREEN GARDEN

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

Bitumen reinforced sheet for roof waterproofing (and roof garden).
Bitumen damp proof sheet (A Type) and basement tanking sheet (B Type).

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

DANOSA- POL. IND. SECTOR 9-19290 FONTANAR-GUADALAJARA-ESPAÑA

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):**

Not apply

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

2+

7. **In case of the declaration of performance concerning a construction product covered by a harmonised standard: name and identification number of the notified body/ Performance/ under system (1+,1, 2+,3)/nº certificate and date of concession:**

AENOR: 0099
Evaluation of the factory production control
System 2+
Certificate of conformity of the factory production control, number and date: 0099/CPR/A85/0124 - 30/06/2022
UK Certificate of Conformity of the Factory Production Control, nº and date: UK 0836-CPR-23/F6685 – 02/03/2023
UK Certificate of Conformity of the Factory Production Control, nº and date: UK 0836-CPR-23/F6682 – 02/03/2023

| | | |
|---|---|---|
| External fire performance | System 3 | AFITI LICOF |
| Reaction to fire | System 3 | AFITI LICOF |

**8. Declared performance:**

| Essential characteristics | Performance | Harmonised technical specification |
|---|---|---|
| **External fire performance** | Broof(t1) | **EN 13707:2004+A2:2009; EN 13969:2004; EN 13969:2004/A1:2006** |
| **Reaction to fire** | E | |
| **Watertightness 2 kPa (Type A)** | Pass | |
| **Watertightness 60 kPa (Type B)** | Pass | |
| **Tensile strength:** | | |
| **Maximum tensile force L*, (N/50 mm)** | 900 ± 250 | |
| **Maximum tensile force T*, (N/50 mm)** | 650 ± 250 | |
| **Elongation at maximum force L*, (%)** | 45 ± 15 | |
| **Elongation at maximum force T*, (%)** | 45 ± 15 | |
| **Resistance to root penetration** | Pass | |
| **Resistance to static loading, method A, (kg)** | ≥20 | |
| **Resistance to impact, method A , (mm)** | ≥1000 | |
| **Tear resistance, (N)** | NPD | |
| **Resistance of joints** | | |
| **Peel strength (N/50mm)** | NPD | |
| **Shear resistance (N/50mm)** | 650 ± 250 | |
| **Thermal durability** | | |
| **Flow resistance at elevated temperature, (ºC)** | 100 ± 10 | |
| **Flexibility at low temperature, (ºC)** | -5 ± 5 | |
| **UV, heat and water durability** | | |
| **Flow resistance at elevated temperature, (ºC)** | 100 ± 10 | |
| **Flexibility at low temperature, (ºC)** | -5 ± 5 | |
| **Thermal durability** | | |
| **Watertightness 2 kPa (Type A)** | Pass | |
| **Watertightness 60 kPa (Type B)** | Pass | |
| **Chemical agents durability** | | |
| **Watertightness 2 kPa (Type A)** | Pass | |
| **Watertightness 60 kPa (Type B)** | Pass | |
| **Flexibility at low temperature, (ºC)** | ≤ -25 | |
| **Dangerous substances** | NPD | |

L* means longitudinal direction, T* means transversal direction

NOTE 1: this product do not contains asbestoses or tar.

NOTE 2: external fire performance is a system test, not a product test.

**9.** The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

**10.**

| Name and function | Place and date of issue | Signature |
|---|---|---|
| Mónica de Velasco<br>Bituminous Waterproofing Product Manager | Fontanar<br>30/06/2022 |  |