

DECLARATION OF PERFORMANCE (DoP)

Nº DoP: LBM-FPR-002

30/07/2013

VERSION 02

1. Unique identification code of the product-type:

Elastomer modified bitumen sheet with reinforced polyester reinforcement

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

POLYDAN 180-35 AP ELAST TYPE (SBS/PY)

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

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:

BUREAU VERITAS: 1035

Evaluation of of the factory production control

System 2+

Certificate of conformity of the factory production control, number and date: 1035-CPR-ES044104 -
01/08/2012

8. Declared performance:

| Essential characteristics | Performance | Harmonised technical specification |
|---|-------------|------------------------------------|
| External fire performance | Broof(t2) | EN- 13707:2004+A2:2009 |
| Reaction to fire | E | |
| Watertightness 2 kPa | Pass | |
| Tensile strength: | | |
| Maximum tensile force L*, (N/50 mm) | 850 ± 150 | |
| Maximum tensile force T*, (N/50 mm) | 625 ± 125 | |
| Elongation at maximum force L*, (%) | 45 ± 10 | |
| Elongation at maximum force T*, (%) | 45 ± 10 | |
| Resistance to root penetration | Fails | |
| Resistance to static loading, method A, (kg) | ≥20 | |
| Resistance to impact, method A or B, (mm) | ≥1500 | |
| Tear resistance, (N) | 180 ± 30 | |
| Resistance of joints | | |
| Peel Strength (N/50mm) | NPD | |
| Shear resistance (N/50mm) | 625 ± 125 | |
| Thermal Durability | | |
| Flow resistance at elevated temperature, (°C) | 100 ± 10 | |
| Flexibility at low temperature, (°C) | NPD | |
| UV, heat and water durability | | |
| Flow resistance at elevated temperature, (°C) | NPD | |
| Flexibility at low temperature, (°C) | NPD | |
| Flexibility at low temperature, (°C) | ≤ -20° | |
| Adhesion of granules, (%) | NPD | |
| Dangerous substances | NPD | |


L* means longitudinal direction, T* means transversal direction

NOTE: this product do not contains asbestoses or tar.

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 |
|--|-------------------------|---|
| José Antonio Manzarbeitia Valle Manager Quality and R&D Manager | Fontanar 030/07/2013 |  |