

DECLARATION OF PERFORMANCE (DoP)

N°DoP: LBM-FP-006

3/3/2021

VERSIÓN 04

- 1. Unique identification code of the product-type:**
Polyolefin modified bitumen sheet with 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):**
IMPERPUMA PLUS PY 4
- 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.
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):**
GRUPO PUMA SL
AVDA. AGRUPACIÓN CÓRDOBA, NUM. 17
14014 CÓRDOBA - CÓRDOBA - ESPAÑA
Tfno.: +34 901 11 69 12 - Fax: +34 957 44 19 92
fds@grupopuma.com
<http://www.grupopuma.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)/n° certificate and date of concession:**
BUREAU VERITAS: 1035
Evaluation of the factory production control
System 2+
Certificate of conformity of the factory production control, number and date: 1035-CPR-ES044104 - 01/08/2015

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

DECLARATION OF PERFORMANCE (DoP)

N°DoP: LBM-FP-006

3/3/2021

VERSIÓN 04

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) Watertightness 60 kPa (Type B) | Pass Pass | |
| Tensile strength: | | |
| Maximum tensile force L*, (N/50 mm) | 700 ± 200 | |
| Maximum tensile force T*, (N/50 mm) | 450 ± 150 | |
| Elongation at maximum force L*, (%) | 45 ± 15 | |
| Elongation at maximum force T*, (%) | 45 ± 15 | |
| Resistance to root penetration | Fails | |
| Resistance to static loading, method A, (kg) | ≥15 | |
| Resistance to impact, method A or B, (mm) | ≥1000 | |
| Tear resistance, (N) | NPD | |
| Resistance of joints | | |
| Peel strength (N/50mm) | NPD | |
| Shear resistance (N/50mm) | 450 ± 150 | |
| Thermal durability | | |
| Flow resistance at elevated temperature, (°C) | 120 ± 10 | |
| Flexibility at low temperature, (°C) | -5 ± 5 | |
| UV, heat and water durability | | |
| Flow resistance at elevated temperature, (°C) | NPD | |
| Flexibility at low temperature, (°C) | NPD | |
| Thermal durability | | |
| Watertightness 2 kPa (Type A) Watertightness 60 kPa (Type B) | Pass Pass | |
| Chemical agents durability | | |
| Watertightness 2 kPa (Type A) Watertightness 60 kPa (Type B) | Pass Pass | |
| Flexibility at low temperature, (°C) | ≤ -15 | |
| 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.



DECLARATION OF PERFORMANCE (DoP)

N°DoP: LBM-FP-006

3/3/2021

VERSIÓN 04

- 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. Date of issue:** 3/03/2021

Director Técnico: José A. Ferre Martínez

DECLARATION OF PERFORMANCE (DoP)

N°DoP: LBM-FP-006

3/3/2021

VERSIÓN 04



1035

GRUPO PUMA SL
Avda. AGRUPACION CORDOBA, Núm. 17 14014 CORDOBA

12

N° DoP: LBM-FP-006 03_03_2021 VERSIÓN 04

IMPERPUMA PLUS PY 4
EN 13707:2004+A2:2009; EN 13969:2004; EN 13969:2004/A1:2006

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

| | |
|--|-----------|
| External fire performance | Broof(t1) |
| 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) | 700 ± 200 |
| Maximum tensile force T*, (N/50 mm) | 450 ± 150 |
| Elongation at maximum force L*, (%) | 45 ± 15 |
| Elongation at maximum force T*, (%) | 45 ± 15 |
| Resistance to root penetration | Fails |
| Resistance to static loading, method A, (kg) | ≥15 |
| Resistance to impact, method A or B, (mm) | ≥1000 |
| Resistance of joints | |
| Shear resistance (N/50mm) | 450 ± 150 |
| Thermal durability | |
| Flow resistance at elevated temperature, (°C) | 120 ± 10 |
| Flexibility at low temperature, (°C) | -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, (°C) | ≤ -15 |



DECLARATION OF PERFORMANCE (DoP)

N°DoP: LBM-FP-006

3/3/2021

VERSIÓN 04