

DECLARATION OF PERFORMANCE

IMPERPLAS®

Date of issue: 2015/10/26

Version: 02

Availability: www.imperialum.com

1. Unique identification code of the product-type:

IMPERPLAS ALU 20, IMPERPLAS ALU 25, IMPERPLAS ALU 30, IMPERPLAS 30 FV, IMPERPLAS 40 FV, IMPERPLAS 30 FP, IMPERPLAS 40 FP, IMPERPLAS 40 G FV, IMPERPLAS 40 G FP, IMPERPLAS 50 G FP
IMPERPLAS V25 SAND, IMPERPLAS V30 FILM, IMPERPLAS V40 FILM, IMPERPLAS P30 FILM, IMPERPLAS P40 FILM, IMPERPLAS P40 SAND, IMPERPLAS P40 MIN, IMPERPLAS P45 MIN, IMPERPLAS P50 MIN, IMPERPLAS P60 TOP MIN

2. Intended use/es:

Roof waterproofing

3. Manufacturer:

IMPERALUM – Sociedade Comercial de Revestimentos e Impermeabilizações, S.A. – Zona Industrial do Pau Queimado – Apartado 151 – 2874-908 MONTIJO - PORTUGAL

4. System/s of AVCP:

System 2+

5. Harmonized standard:

EN 13707:2004 + A2:2009 – Reinforced bitumen sheets for roof waterproofing

6. Notified body/ies:

CERTIF – Associação para a Certificação (Notified body nº 1328) whom issued the Certificate of Conformity of the factory production control nº 1328-CPR-0173

7. Declared performance:

| Essential characteristics | Performance | Units | Harmonized technical specification |
|---|--|---------|--------------------------------------|
| Watertightness | Pass ^I | - | EN 13707:2004 + A2:2009 ^I |
| Tensile strength: ^{II} | | | |
| Maximum force L | DND ^{III} (400±200) ^{IV} (400±80) ^V (750±150) ^{VI} | N/50 | |
| Maximum force T | DND ^{III} (400±200) ^{IV} (300±60) ^V (450±90) ^{VI} | mm | |
| Elongation at maximum force L | DND ^{III} DND ^{IV} (3±1) ^V (35±15) ^{VI} | % | |
| Elongation at maximum force T | DND ^{III} DND ^{IV} (3±1) ^V (35±15) ^{VI} | | |
| Flexibility at low temperature | ≤ -5 ^I | °C | |
| Durability after heat exposure, on oven: | | | |
| Flow resistance at elevated temperature | NPD ^I | °C | |
| Flexibility at low temperature | NPD ^I | °C | |
| Dangerous substances ^{VII, VIII} | Complies ^I | - | |
| Root resistance | NPD ^I | - | |
| Resistance to static loading | ≥ 15 ^{VI} | kg | |
| External fire performance | NPD ^I | - | |
| Reaction to fire | Class E ^I | - | |
| Resistance to static loading – method A | ≥ 900 ^{IX} ≥ 1000 ^X | mm | |
| Resistance to tearing | ≥ 150 ^{VI} | | |
| Peel resistance of joints | NPD ^I | N/50 mm | |
| Shear resistance of joints | NPD ^I | N/50 mm | |

^I All products mentioned in point 1. of the present Declaration

^{II} L means Longitudinal direction, T means Transversal direction

^{III} IMPERPLAS ALU 20 e 25

^{IV} IMPERPLAS ALU 30

^V IMPERPLAS 30 FV, 40 FV e 40 G FV; IMPERPLAS V25 SAND, V40 SAND, V30 FILM, V40 FILM

^{VI} IMPERPLAS 30 FP, 40 FP, 40 G FP e 50 G FP; IMPERPLAS P40 SAND, P30 FILM, P40 FILM, P40 MIN, P45 MIN, P50 MIN, P60 TOP MIN

^{VII} These products do not contain asbestos or tar constituents


^{VIII} Since there is no European test method available no performance declaration for leaching can be made

^{IX} IMPERPLAS 30 FP; IMPERPLAS P30 FILM

^X IMPERPLAS 40 FP, 40 G FP e 50 G FP; IMPERPLAS P40 SAND, P40 FILM, P40 MIN, P45 MIN, P50 MIN, P60 TOP MIN

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) N° 305/2011, under the sole responsibility of the manufacturer identified above.

Montijo, 26th of October of 2015



Rui Silvestre – Chief Executive Officer