

ALSAN[®] FLASHING JARDIN



1 PRESENTATION

ALSAN[®] FLASHING JARDIN is a single-component, ready-to-use watertight bitumen-polyurethane resin, to be used for upstands.

ALSAN[®] FLASHING JARDIN bitumen mass contains anti-root penetration properties for green roofs.

2 CHARACTERISTICS

In compliance with current official standards or internal standards.

ALSAN[®] FLASHING JARDIN	
Physical state	Monocomponent thixotropic paste, black colour
Wet mass density at 25°C (NFT 30-020)	about 1050 kg/m ³
Viscosity at 23°C (NFT 30-029)	about 250 Po
Solid content (by weight)	80 %
Flash point (NFT 60-118)	2,5°C
Flammability	Easily flammable
Drying time	Recoverable after 2 hours Dry : 12 hours (still sticky to the touch)

3 PACKAGING AND CONSUMPTION

Cans: 5 kg or 15 kg.

Storage: 12 months in original, unopened container turned upside-down, away from heat sources. Storage temperature > 5°C

For corners and details only:

Corner reinforcement: (Alsan[®] Voile Flashing, Toile de Renfort (15 cm width) or Renfort RS fleece) embedded with Alsan[®] Flashing (500g/m²) to be covered by the main area.

Main area: (about 1, 6 kg/m²)

- 1st layer of 900 g/m²
- 2nd layer of 700 g/m²



SOPREMA Liquid Waterproofing Department

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4 USER'S APPLICATION

ALSAN® FLASHING JARDIN is to be used to waterproof the upstands, in new construction work or maintenance. Alsan® Flashing Jardin is designed to replace traditional waterproofing bitumen layer.

All the applications are described in Technical Guidelines or Technical Approvals. For further details refer to specific technical information.

5 INSTALLATION

ALSAN® FLASHING JARDIN must be applied with a brush or a roller, according to technical instructions, from 2 to 3 layers on dry and clean surface, without primer.

Ensure that the product is well mixed in order to obtain a proper homogenization of components.

Product cleaning: use **Diluant V** or **L** (thinners).

6 SPECIAL INDICATIONS

Hygiene, health and environment:

- Can be harmful if inhaled.
- Flammable: Keep all flammable products at least 10 meters away from flame.
- May irritate eyes and respiratory tract.
- Can cause irritation if inhaled, comes in contact with skin and if swallowed.
- Contains isocyanates. When using, do not smoke, drink or eat. Refer to instructions.
- Only use in well-ventilated areas.
- Do not breathe fumes in.
- In case of ingestion, do not make subject vomit. Seek immediate medical attention.

For more information, please refer to the relevant Safety data Sheet.

Quality control :

SOPREMA has always attached the highest importance to Quality Control. For this reason, we operate an internationally recognized Quality System observing **ISO 9001: 2008** with the system being independently monitored and certified by **BSI**.



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7 CE MARKING

ALSAN® FLASHING JARDIN is used for the construction of upstands, without flame, in new construction work or maintenance.

For more information, please refer to the relevant Safety data Sheet.

Basic information about CE marking can be found below:

 CSTB 0679	
ALSAN® FLASHING JARDIN SOPREMA B.P. 21 – 14 Rue de St-Nazaire 67025 STRASBOURG Cedex 1 08	
ETA-08/0114 Complies with CUAP 04.02-20 Validity from 24/11/2011 to 24/11/2016	
	Results Smallest values
Safety in case of fire External fire performance	No Performance Determined (F)
Reaction to free classification (EN 13501-1)	No Performance Determined (F)
Maximum tensile strength Elongation at maximum tensile strength (EN ISO 527-3) New samples	2.6 MPa 344 %
Watertightness (TR 003)	Watertight
Adhesive tensile strength (TR 004) on following surfaces : <ul style="list-style-type: none"> • Thermofusible film • Metallic self-protection • Sanded protection • Slate chippings protection • Concrete 	249 KPa 369 KPa 338 KPa 336 KPa 899 KPa
Resistance to dynamic indentation (EN 12691:2006)	H = 2 m
Differential movement of insulation (TR 008 § 2.4.4.5 of CUAP 04.02-20) <ul style="list-style-type: none"> • 20°C/500 cycles on new products • 20°C/500 cycles on aged products 	- No cracks, no loosening of layers, no splits, no loss of adhesion - Watertight
Differential movement on vertical and horizontal side (TR 008)	Watertight
Resistance to thermal ageing at 70°C, during 84 days (EN 1296) <ul style="list-style-type: none"> • Cold bending (EN 1109) 	No cracks at -36°C



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TECHNICAL DATA SHEET

DTE 12-002_EN CE cancels and replaces DTE-11-015_EN

Tensile properties (NF EN ISO 527-3) <ul style="list-style-type: none"> • Maximum tensile strength • Elongation at maximum tensile strength 	2.3 MPa 459 %
Resistance to UV ageing (EN 1297) <ul style="list-style-type: none"> • Cold bending (EN 1109) Tensile properties (NF EN ISO 527-3) <ul style="list-style-type: none"> • Maximum tensile strength • Elongation at maximum tensile strength 	No cracks at -36°C 2.1 MPa 399 %
Resistance to stagnant water ageing (EN 1847) (TR 004) Adhesive tensile strength <ul style="list-style-type: none"> • Plastic film upper face • Metallic autoprotection sand • Sand upper face • Slates upper face • Concrete Dynamic indentation (EB 12691:2006)	297 KPa 183 KPa 350 KPa 340 KPa 788 KPa H = 2 m
Compressibility test for insulation materials compressibility (10 %) (EN 826 adapted for CUAP 04.02-20) <ul style="list-style-type: none"> • On insulation materials • On concrete • On steel Charge of compression until the ruin <ul style="list-style-type: none"> • On concrete • On steel 	81 KPa 80 KPa 82 KPa 245 KPa 246 KPa

More characteristics are described in the European Technical Approval of ALSAN FLASHING JARDIN n° ETA-08-0114.



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