

ALSAN[®] FLASHING JARDIN



1 PRESENTATION

ALSAN[®] FLASHING JARDIN is a single-component, ready-to-use watertight bitumen-polyurethane resin, to be used to waterproof upstand, planters (soil height must not exceed 50 cm), roof edges and all kinds of difficult roof details.

ALSAN[®] FLASHING JARDIN bitumen mass contains anti-root penetration properties for green roofs and complies with EN 13948 and FLL procedure.

ALSAN[®] FLASHING JARDIN has CE marking according to the European Technical Assessment n° 08/0114.

2 CHARACTERISTICS

	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: 2,5 kg, 5 kg or 15 kg.

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

For upstands:

Corner reinforcement: (Alsan[®] Voile Flashing, Toile de Renfort (15 cm width) or Renfort RS fleece) embedded with Alsan[®] Flashing (500g/m²) and two layers of Alsan[®] Flashing Jardin (900 g/m² + 700 g/m²).

Horizontal area: (about 1,6 kg/m²)

- 1st layer of 800 g/m²
- 2nd layer of 800 g/m²



SOPREMA Liquid Waterproofing Department

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4 USER'S APPLICATION

ALSAN® FLASHING JARDIN is to be used to waterproof flame free upstands, planters and details, in new construction work or maintenance. Alsan® Flashing Jardin is designed to replace traditional waterproofing bitumen layer and adheres to almost any surface like bituminous Soprema membranes finished with sand or minerals, concrete, wood, metal or fiberglass.

Optional finishes :

- **COLOURED SLATE CHIPPINGS** : apply the slates with a consumption of 1,2 kg/m², same colour as the main area on a thin layer of **ALSAN® FLASHING JARDIN** (250 g/m²).
- **CURAL** : waterproofing coating, aluminium pigments applied with a consumption of 400 g/m².
- **CURFER** : coloured resin applied in one or two layer depending on the colour with a consumption of 300 g/m² per 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 the quality of its products, to the respect of environment and men.

For this reason, we apply an integrated management of the Quality and Environment certified **ISO 9001** and **ISO 14001**.




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TECHNICAL DATA SHEET

DTE 18-004_EN CE cancels and replaces DTE-12-002_EN

7 CE MARKING

 2007
ALSAN FLASHING JARDIN SOPREMA 14 rue de Saint-Nazaire – CS 60121 67025 STRASBOURG cedex 08 Declaration of Performance : DoP n° WPLFR001
ETA 08/O114 from CUAP 04.02-20 Single-component, ready-to-use waterproofing bitumen-polyurethane resin Applied with a brush or a roller.

Essential characteristics	Performances	Harmonised Technical Specification
Minimum layer thickness	1.2 mm	CUAP 04.20-20 : 2007
Water vapour resistance factor	NPD	
Resistance to wind loads	NPD	
External fire performance (Note 1)	F_{ROOF}	
Reaction to fire	F	
Watertightness	Watertight	
Maximum tensile strength (new state)	≥ 2,5 MPa	
Elongation at break (new state)	≥ 300 %	
Adhesive tensile strength on : Thermofusible film Metallic self-protection Sanded self-protection Slate chippings self-protection Concrete	≥ 200 KPa ≥ 300 KPa ≥ 300 KPa ≥ 300 KPa ≥ 800 KPa	
Resistance to impact	H ≥ 1,5 m	
Resistance to fatigue movement 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.	watertight	
Resistance to thermal ageing during 70°C, 84 days Cold bending	No cracks at -36°C	
Tensile properties: Maximum tensile strength Elongation at break	≥ 2 MPa ≥ 400 %	
Resistance to UV ageing Cold bending	No cracks at -36°C	
Tensile properties: Maximum tensile strength Elongation at break	≥ 2 MPa ≥ 300 %	



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Essential characteristics	Performances	Harmonised Technical Specification
Resistance to stagnant water ageing Adhesive tensile strength on: <ul style="list-style-type: none"> Thermofusible film Metallic self-protection Sanded self-protection Slate chippings self-protection Concrete 	<ul style="list-style-type: none"> ≥ 200 KPa ≥ 150 KPa ≥ 300 KPa ≥ 300 KPa ≥ 300 KPa ≥ 700 KPa 	CUAP 04.20-20 : 2007
Resistance to impact	H ≥ 1,5 m	
Runoff of water on the flashing (outdoor severe exposure - 12 months) Peel resistance <ul style="list-style-type: none"> Initial state After 12 months 	<ul style="list-style-type: none"> ≥ 50 N / 50 mm ≥ 80 N / 50 mm 	
Compressibility test at 10% <ul style="list-style-type: none"> On insulation On concrete On steel 	<ul style="list-style-type: none"> ≥ 70 KPa ≥ 70 KPa ≥ 70 KPa 	
Compression load until the ruin <ul style="list-style-type: none"> On concrete On steel 	<ul style="list-style-type: none"> ≥ 200 KPa ≥ 200 KPa 	
Resistance test to temperature Sliding at 150°C	≤ 0,50 mm	
Compatibility product / membrane Peel resistance Thermofusible film <ul style="list-style-type: none"> Mean resistance (new state) Mean resistance (after exposure at 80°C) Metallic self-protection <ul style="list-style-type: none"> Mean resistance (new state) Mean resistance (after exposure at 80°C) Sanded self-protection <ul style="list-style-type: none"> Mean resistance (new state) Mean resistance (after exposure at 80°C) Slate chippings self-protection <ul style="list-style-type: none"> Mean resistance (new state) Mean resistance (after exposure at 80°C) 	<ul style="list-style-type: none"> NPD NPD NPD NPD ≥ 70 N / 50 mm ≥ 120 N / 50 mm ≥ 150 N / 50 mm ≥ 180 N / 50 mm 	
Flexibility at very low temperature	No cracks at -36°C	
Resistance to plant root	NPD	

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



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