ALSAN FLASHING

ALSAN FLASHING is a single-component, ready-to-use waterproofing bitumen-polyurethane resin.

ALSAN FLASHING has CE marking according to the European Technical Assessment ETA 08-0114.

User application

ALSAN FLASHING is used for upstands waterproofing without flame, for new work or renovation.
ALSAN FLASHING is applied on traditional bituminous waterproofing membranes.

All the applications are described in Technical Approvals or **SOPREMA**'s Technical Guidelines in force.

Characteristics (off CE marking)

	ALSAN FLASHING
Physical state	Brown thixotropic paste, single-component
Density at 25°C	1050 kg/m^3
Viscosity at 23°C	about 200 Po
Solid content (mass)	80 %
Flash point	2,5°C
Flammability	Easily flammable
Drying time	Recoverable after 2 hours Dry: 12 hours (remains tacky to the touch)

Packaging

	ALSAN FLASHING
Cans	2,5 kg / 5 kg / 15 kg / 25 kg
Storage	12 months in original, unopened container turned upside-down, away from heat sources. Storage temperature between +5°C and +35°C.

Tel: + 33 (0) 3 88 79 84 84 – Fax. : + 33 (0) 3 88 79 84 85
www.soprema.com - E-mail : export@soprema.com

Installation

ALSAN FLASHING is applied with a brush or a roller, according to requirements of Technical Approval or Technical Guidelines in force, in 2 layers on dry and clean surface, without primer.
Ensure that the product is well mixed in order to obtain a proper homogenization of components.

After embedding the **ALSAN VOILE FLASHING** in the corner of the upstand, a first layer of 900 g/m² is applied then, about 2 hours later (depending on the temperature), a second layer of 700 g/m².

Cleaning tools: Diluant V or L (thinners).

Special indications

Hygiene, health and environment:

- Flammable: Keep all flammable products at least 10 meters away from flame.
- Contains isocyanates. Refer to instructions.
- Do not breathe vapours.
- Avoid contact with skin.
- In case of ingestion, do not make subject vomit. Seek immediate medical attention and show him the packaging or the sticker.
- Keep away from any flames or sparkles – do not smoke.
- In closed room, it is necessary to have an appropriate ventilation.

Traceability:

Product traceability is ensured through a manufacturing code present on the packaging.

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

n° WPLFR001/a cancels and replaces **N° DTE 11-013_EN CE**

CE marking

CE

2007

ALSAN FLASHING

SOPREMA
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08
Declaration of Performance : DoP n° WPLFR001

ETA 08/0114 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) Elongation at break (new state)	**≥ 2,5 MPa** **≥ 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 Tensile properties: Maximum tensile strength Elongation at break	**No cracks at -36°C** **≥ 2 MPa** **≥ 400 %**	
Resistance to UV ageing Cold bending Tensile properties: Maximum tensile strength Elongation at break	 **No cracks at -36°C** **≥ 2 MPa** **≥ 300 %**	

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TECHNICAL DATA SHEET

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Essential characteristics	Performances	Harmonised Technical Specification
Resistance to stagnant water ageing		CUAP 04.20-20 : 2007
Adhesive tensile strength on:	**≥ 200 KPa**	
Thermofusible film	**≥ 150 KPa**	
Metallic self-protection	**≥ 300 KPa**	
Sanded self-protection	**≥ 300 KPa**	
Slate chippings self-protection	**≥ 300 KPa**	
Concrete	**≥ 700 KPa**	
Resistance to impact	**H ≥ 1,5 m**	
Runoff of water on the flashing (outdoor severe exposure - 12 months)		
Peel resistance		
Initial state	**≥ 50 N / 50 mm**	
After 12 months	**≥ 80 N / 50 mm**	
Compressibility test at 10%		
On insulation	**≥ 70 KPa**	
On concrete	**≥ 70 KPa**	
On steel	**≥ 70 KPa**	
Compression load until the ruin		
On concrete	**≥ 200 KPa**	
On steel	**≥ 200 KPa**	
Resistance test to temperature		
Sliding at 150°C	**≤ 0,50 mm**	
Compatibility product / membrane		
Peel resistance		
Thermofusible film		
Mean resistance (new state)	**NPD**	
Mean resistance (after exposure at 80°C)	**NPD**	
Metallic self-protection		
Mean resistance (new state)	**NPD**	
Mean resistance (after exposure at 80°C)	**NPD**	
Sanded self-protection		
Mean resistance (new state)	**≥ 70 N / 50 mm**	
Mean resistance (after exposure at 80°C)	**≥ 120 N / 50 mm**	
Slate chippings self-protection		
Mean resistance (new state)	**≥ 150 N / 50 mm**	
Mean resistance (after exposure at 80°C)	**≥ 180 N / 50 mm**	
Flexibility at very low temperature	**No cracks at -36°C**	
Resistance to plant root	**NPD**	

Note 1 : Since external fire performance depends on the other components of the roof build-up, no performance can be given.