

# ALSAN FLASHING



## 1 PRESENTATION

**ALSAN FLASHING** is a ready-to-use watertight bitumen-polyurethane resin, to be used for upstands.

**ALSAN FLASHING** has CE marking according to the European Technical Approval.

## 2 CHARACTERISTICS

In compliance with current official standards or internal standards.

	ALSAN FLASHING
Aspect	Brown thixotropic paste, brown colour
Density at 25°C (NFT 30-020)	About 1050 kg/m <sup>3</sup>
Viscosity at 23°C (NFT 30-029)	About 200 Po
Weight of dry extract	80 %
Flash point (NFT 60-118)	2,5°C
Flammability	Easily flammable
Drying time	2 to 12 hours depending on temperature

## 3 PACKING AND CONSUMPTION

Cans: 5 kg or 15 kg.

Storage: 9 months in original, unopened container turned upside-down, away from heat sources.

Storage temperature > 5°C

Approximate consumptions:

*Corner reinforcement (to be covered together with the main area) :*

Alsan Voile Flashing, Toile de Renfort fleece (15 cm width) or Renfort RS embedded with Alsan Flashing (500g/m<sup>2</sup>)

*Main area : about 1,6 kg/m<sup>2</sup>*

- 1<sup>st</sup> layer of 900 g/m<sup>2</sup>

- 2<sup>nd</sup> layer of 700 g/m<sup>2</sup>



**SOPREMA Liquid Waterproofing Department**

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## 4 USER'S APPLICATION

**ALSAN FLASHING** is to be used to waterproof the upstands, in new construction work or maintenance. Alsan Flashing is designed to replace traditional waterproofing bitumen layer. Alsan Flashing is also used for Civil Engineering construction.

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

## 5 INSTALLATION

**ALSAN FLASHING** 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** with the system being independently monitored and certified by **BSI**.



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# TECHNICAL DATA SHEET


DTE-09/065\_EN CE

## 7 CE MARKING

**ALSAN FLASHING** 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	
<b>ALSAN FLASHING</b>  <b>SOPREMA</b> B.P. 21 – 14 Rue de St-Nazaire 67025 STRASBOURG Cedex 1  <b>08</b>	
<b>ETA-08/0114</b> Complies with <b>CUAP 04.02-20</b> Validity from <b>23/05/2008</b> to <b>22/05/2013</b>	
	Results Smallest values
Safety in case of fire External fire performance	No Performance Determined (F)
Reaction to fire 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"><li>• Thermofusible film</li><li>• Metallic self-protection</li><li>• Sanded protection</li><li>• Slate chippings protection</li><li>• Concrete</li></ul>	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"><li>• 20°C/500 cycles on new products</li><li>• 20°C/500 cycles on aged products</li></ul>	- 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"><li>• Cold bending (EN 1109)</li></ul> Tensile properties (NF EN ISO 527-3)	No cracks at -36°C



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

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



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