

ALSAN FLASHING

TECHNICAL DATA SHEET 210322SCANE

(supersedes 210108SCANE)



ACCESSORIES PRODUCTS

APPLICATIONS

ROOFS

FOUNDATIONS

WALLS

ADDITIONAL EXPERTISE

DESCRIPTION

ALSAN FLASHING is a waterproofing one-component polyurethane / bitumen resin. It is dedicated to roof flashings and details where it is difficult to apply waterproofing membranes. **ALSAN FLASHING** is ready to use.

RECOMMENDED SUBSTRATES

Without primer: traditional granulated and sanded bituminous waterproofing membranes, wood, metal, prepaint metal, concrete, polyurethane membrane (**TRAFIK HP**) and PVC pipe (vertical partition wall only);

With primer (**ELASTOCOL 500**): BUR bituminous waterproofing;

With primer (**ELASTOCOL STICK, ELASTOCOL STICK ZERO**): membranes with HDPE surface.

SURFACE PREPARATION

Surfaces must be clean, dry and free of loose particles, formwork, curing products, irregularities, slurry, etc.

PVC pipe must be sanded with sandpaper.

All metal surfaces must be cleaned with non-greasy solvent such as acetone or Methyl Ethyl Ketone (MEK). Metals surfaces must be smooth, clean and uncontaminated (free of oxydized bitumen).

APPLICATION

Mix well the product before use.

ALSAN FLASHING is applied with a trowel, a brush or a roller in two (2) layers or in three (3) layers when **POLYFLEECE** reinforcement is required. Each layer must have a minimum wet film thickness of 0.8 mm (30 mil).

Transitions, changes in plan and junctions between two supports, must be reinforced with **POLYFLEECE** reinforcement.

1. Apply a first layer of **ALSAN FLASHING** on the surface.
2. Install **POLYFLEECE** reinforcement in the first layer of **ALSAN FLASHING** using a trowel. This layer must be thick enough to completely immerse the reinforcement.
3. Immediately cover with a second layer of **ALSAN FLASHING** until saturation of **POLYFLEECE** reinforcement.
4. Apply a third layer of **ALSAN FLASHING** when the second coat is dry on the surface and no longer sticks to the fingers.

ALSAN FLASHING is UV resistant. It can be left exposed without protection. For aesthetic purposes, the top coat can also be covered with roofing granules or for aluminium colour with **SOPRALASTIC 124 ALU** waterproofing coating.

Minimum application temperature: 5 °C (41 °F)

Service temperature: -30 to 150 °C (-22 to 302 °F)

Do not use if rain or snow is predicted within 12 hours after the installation.

FOR COMPLETE INFORMATION ON PRODUCT APPLICATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

CONSUMPTION

Packaging	Coverage	Wet film thickness	Dry film thickness
3.78 L (1 gallon US)	4.6 m ² (50 ft ²)	0.8 mm (30 mil)	0.6 mm (24 mil)
18.9 L (5 gallons US)	23 m ² (250 ft ²)		



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NOTE: All products manufactured by SOPREMA Inc. comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.

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PROPERTIES

Properties	Standards	ALSAN FLASHING
Physical state	-	Brown viscous liquid
Density at 25 °C (77 °F)	-	1.07 kg/L
Solids content	-	80 %
Softening point	-	150 °C (302 °F)
Ultimate elongation	ASTM D412	500 %
Breaking strength	ASTM D412	1.35 MPa
Peel resistance	ASTM D903	102.3 N (23 lbf)
Tear resistance	ASTM D 5147, sec.7	337 N (76 lbf)
Peel adhesion after water immersion	ASTM C836	792 N/m
Resistance to hydrostatic head	ASTM D5385	110 m (361 ft)
Water vapour transmission ⁽¹⁾	ASTM E96 (Procedure B)	14 ng/Pa·s·m ² (0.24 perm)
Drying time	-	Ready to recoat after 2 hours Dry: 12 hours (remains tacky to touch)
Fully cured	-	3 days

(1) Result is for an ALSAN FLASHING WINTER system with 3 liquid layers + fleece.
(All values are nominal)

STORAGE AND HANDLING

Shelf life: 12 months, properly stored in original unopened containers.

For more information, refer to the instructions on the container label and relevant safety data sheet (SDS).



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