

ALSAN FLASHING WINTER

TECHNICAL DATA SHEET 210217SCANE

(supersedes 210108SCANE)



ACCESSORY PRODUCTS

APPLICATIONS

ROOFS

FOUNDATIONS

WALLS

ADDITIONAL EXPERTISE

DESCRIPTION

ALSAN FLASHING WINTER is a waterproofing two-components polyurethane/bitumen resin specially designed to be used in low temperature. It is dedicated to roof flashings and details where it is difficult to apply waterproofing membranes.

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.

If there is ice or frost on the surface, when permitted on site, use a propane torch to dry the surface. Otherwise, clean the surface mechanically using a scraper and sandpaper. In all cases, clean the surface with non greasy solvent before applying **ALSAN FLASHING WINTER**.

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

Remove the lids from both containers and pour the content of Part B (the hardener) into Part A (the resin). Using a low speed mixer, thoroughly mix the entire contents of the container for 4 to 5 minutes before use to obtain a homogeneous consistency.

ALSAN FLASHING WINTER is applied with a trowel, a brush or a roller in two (2) layers or in three (3) layers when **FLASHING 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 **FLASHING REINFORCEMENT**. **FLASHING REINFORCEMENT** is installed in a first layer of **ALSAN FLASHING WINTER**. This layer must be thick enough to completely immerse the reinforcement. **FLASHING REINFORCEMENT** will be immediately covered with a second layer of **ALSAN FLASHING WINTER** until saturation. The third layer is applied when the second coat is dry on the surface and no longer sticks to the fingers.

ALSAN FLASHING WINTER 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.

Application temperature: -10 to 5°C (14 to 41 °F)

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

RESTRICTIONS

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.



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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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CONSUMPTION

Packaging	Coverage	Wet film thickness	Dry film thickness
3.37 L (0,89 gallon US)	4,1 m ² (44,5 ft ²)	0.8 mm (30 mil)	0.6 mm (24 mil)

PROPERTIES

Properties	Standards	ALSAN FLASHING WINTER	
		Part A	Part B
Physical state	-	Brown liquid	Clear liquid
Container	-	2.9 L (0.77 gallon US)	470 mL (0.12 gallon US)
Density at 25 °C (77 °F)	-	1.07 kg/L	0.93 kg/L
Solids content	-	80%	47%
VOC	-	225 g/L	500 g/L
Viscosity, Brookfield (50 rpm)	-	7 000 cP	18 cP
Ultimate elongation	ASTM D412	600%	
Tensile strength	ASTM D412	3.5 Mpa	
Peel resistance	ASTM D903	80 - 120N/2.5 cm	
Tear resistance	ASTM D5147, sec. 7	333 N (75 lbf)	
Peel adhesion after water immersion	ASTM C836	640 - 720 N/m	
Resistance to hydrostatic head	ASTM D5385	110 m (361 ft)	
Water vapour transmission ⁽¹⁾ -10 °C to 5 °C (14 °F to 41 °F)	ASTM E96 (Procedure B)	16 ng/Pa·s·m ² (0.27 perm)	
Recoat time	-	1h	
Fully dry	-	12h	
Pot life	-	2 hours	

(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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