

ALSAN FLASHING

Liquid waterproofing membrane

March 2024

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.

A one-component product with no mixing required makes for easy application. This solution offers superior protection against moisture, and flexibility for effortless waterproofing of irregular shapes, making it an ideal choice for quick and cost-effective repairs.



APPLICATION:

Surface Preparation:

- Concrete must be fully cured (28 days) with a minimum hardness of 24 MPa (3500 psi). Surface needs to be sound, clean and free of dust or debris.
- Concrete surface must be prepared to obtain concrete surface profile (ICRI CSP) of 3 or 4. To obtain such a profile, the use of special equipment such as shotblasting is recommended.
- **Without primer:** traditional granulated and sanded bituminous waterproofing membranes, wood, metal, pre-paint metal, concrete, polyurethane membrane (TRAFIK HP) and PVC pipe (vertical partition wall only).
- **With primer:** (SOPRADERE QUICK): Membranes with HDPE surface.
- 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). Metal surfaces must be smooth, clean and uncontaminated (free of oxydised bitumen).
- When needed, concrete repair must be done with appropriate products.

Application:

- Mix the product well before use.
- ALSAN FLASHING is applied with a trowel, a brush or roller in two (2) layers, or in three (3) layers when approved 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 approved reinforcement. Approved reinforcement is installed in a first layer of ALSAN FLASHING. This layer must be thick enough to completely immerse the reinforcement. The approved reinforcement will be immediately covered with a second layer of ALSAN FLASHING until saturation.
- Third coat will be applied after 3 hours or when the second coat is tacky free.
- 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.
- Do not use if rain or snow is predicted within 12 hours after the installation.

For proper curing, minimum application temperature is 5°C.
Service temperature: -30 to 150°C.

PACKAGING:

Packaging	Coverage	Wet film thickness	Dry film thickness
ALSAN FLASHING 19L	23 m ²	0.8 mm	0.6 mm

For complete information on product installation, please consult your Equus Representative.

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PROPERTIES:

Properties	Test Method	ALSAN FLASHING Reinforced*
Physical state	-	Brown viscous liquid
Density at 25°C	-	1.07 kg/L
Solids content	-	80%
Softening point	-	150°C
Ultimate elongation	ASTM D412	500%
Breaking strength	ASTM D412	1.35 MPa
Peel resistance	ASTM D903	102.3 N
Tear resistance	ASTM D 5147, sec.7	235.5 N
Water vapour permeance	ASTM E96 (Procedure B)	< 30 ng/Pa•s•m ² (< 0.47 perm)
Peel adhesion after water immersion	ASTM C836	792 N/m
Drying time	-	Ready to recoat after 2 hours Dry: 12 hours (remains tacky to touch)
Fully cured*	-	3 days
Abrasion resistance*	AS 1580.403.2	Pass
Bond strength* (on granulated membranes)	ASTM D903	> 1000 N/m
Cyclic movement*	CSIRO Moving Joint Test	Pass
Elongation at break*	AS1145	> 200%
Heat aging*	Appendix A4-AS 4654	Pass
Temperature resistance*	AS 4654-2	Pass
Tensile strength at max load*	Appendix A4-AS 4654	> 6.5 kN/m
UV resistance / durability*	Appendix A4-AS 4654	Pass

* with approved reinforcement.

SCOPE OF USE:

ALSAN FLASHING can be used for waterproofing roofs, balconies, decks, terraces and foundations. In Equus SOPREMA membrane waterproofing systems it is generally used as a liquid detailing membrane.

Suitable for new builds and refurbishments, residential and commercial construction, in any location in New Zealand.

Suitable for other applications with written approval by Equus Industries Ltd.

CONDITIONS OF USE:

- For proper curing, minimum application temperature is 5°C.
- Service temperature: -30 to 150°C.

Written approval is required for this product to be in a system not outlined in the standard Equus specifications.

The product must be installed by a Certified Equus Applicator. Verification of their status can be confirmed by a current applicator certificate or by contacting Equus Industries Ltd. Any installation must be done in accordance with the latest specifications and technical documentation, or with written approval by Equus Industries Ltd.

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BUILDING CODE COMPLIANCE:

B2 Durability - B2.3.1 (a) ALSAN FLASHING has a durability of at least 15 years when installed with the correct specification, installation and maintenance. Re-coating specifications are available to extend the life of the membrane.

E2 External moisture - E2.3.1, E2.3.2, E2.3.7 ALSAN FLASHING test data together with in-service history of the correctly installed ALSAN FLASHING system over correctly designed and constructed substrates, show that the membrane resists the ingress of moisture.

F2 Hazardous building materials - F2.3.1 Experience with the composition of materials used together with in-service history, show that ALSAN FLASHING complies with this performance requirement. Refer to SDS at www.equus.nz

SUPPORTING DOCUMENTATION:

Test reports can be provided by SOPREMA New Zealand Ltd.

STORAGE & HANDLING:

Shelf life: 12 months, pot must be stored in the delivery packaging, in a dry and protected environment.

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

WARNINGS AND BANS:

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?	No
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MANUFACTURERS CONTACT DETAILS:

Manufacture location	Belgium
Legal and trading name of manufacturer	Soprema New Zealand Limited
Manufacturer address for service	Level 3, Candida Building 4, 61 Constellation Drive, Mairangi Bay, Auckland 0630, New Zealand
Manufacturer website	www.soprema.com.au
Manufacturer email	info@soprema.com.au
Manufacturer phone number	+61 3 9221 6230
Manufacturer NZBN	9429050312962

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