



ALSAN FLASHING

Alsán Flashing (5 gallons) (10)

Order No. D32800

Alsán Flashing (1 gallon) (10A)

Order No. D32825

DESCRIPTION & APPLICATION

ALSAN Flashing is a patented polyurethane/bitumen resin, single-component, and moisture-cured compound that utilizes low solvent technologies. ALSAN Flashing is UV resistant and can be left exposed without protection.

PRODUCT USES:

ALSAN Flashing is applied to properly prepared perimeter edge metal, curbs, roof penetrations, columns, parapet walls and area dividers (Restrained/supported wall constructions only). Transitions must be reinforced with ALSAN Polyfleece reinforcement, applied right after the first layer of ALSAN Flashing.

ALSAN Flashing can also be used as either a reinforcing ply over existing field membrane seams and joints, surfacing layer over field membrane where ponding water occurs or as a stand-alone recovery system for existing aged roof membranes.

PACKAGING:

ALSAN Flashing is supplied in 1 gallon and 5 gallon cans.

STORAGE:

Shelf life: Six months in original unopened container, stored upside down. Maximum storage temperature not in direct sunlight is 90° F (32° C). Container pressure may increase with temperature.

HANDLING:

Keep away from any heat source and dampness. Do not smoke. Refer to Material Safety Data Sheet for more information.

APPLICATION:

Stir ALSAN Flashing prior to application. ALSAN Flashing is compatible with Soprema SBS modified bitumen membranes as well as other types of commercial grade roofing membranes and building component surfaces.

Surfaces must be structurally sound, dry, clean, free of dirt, moisture, loose particles, oil, grease, tar, paint, wax, rust and concrete curing and parting compounds. Priming is usually not required on clean, dry plywood, concrete, metal (without manufacturing oils) and other cured and dry masonry surfaces. Do not apply ALSAN Flashing when substrates when inclement weather is anticipated. Do not apply to wet, damp surfaces or to new single ply membranes.

When ALSAN Flashing Base Coat has been exposed for more than seven (7) days, apply ALSAN Trafik HP 510 Zero at a rate of 200-250 square feet per gallon to the existing Base Coat surface. Allow a minimum drying time for 510 Zero of 2-6 hrs. depending upon drying conditions. If the ALSAN Flashing Finish Coat (or next layer of Base Coat) is not applied to the dry 510 Zero primed substrate within 36 hours (At 68° F, [20° C]) then the existing Base Coat must be re-primed.

ALSAN Flashing can be applied with a brush or roller in two to three layers, depending on specific application.

For liquid flashing applications, apply **ALSAN Flashing Base Coat** onto the vertical and horizontal substrates extending the Base Coat a minimum one (1") inch past the point where the ALSAN PolyFleece reinforcement will be placed. Immediately center and embed the ALSAN PolyFleece into the wet (not skinned over) ALSAN Flashing Base Coat. Extend ALSAN PolyFleece a min. one (1") inch vertically and a min. two (2) in. out onto the horizontal surface without wrinkles or folds. ALSAN PolyFleece must overlap previous piece by two (2) inches on side laps. Apply **ALSAN Flashing Embedment Coat** over the ALSAN PolyFleece to ensure that it is completely embedded, covered and watertight.

Apply **ALSAN Flashing Finish Coat**. Base Coat and Embedment Coat must be clean, dry, set-up and/or primed (when required) prior to the application of the ALSAN Flashing Finish Coat.

For ponding water areas and recovery applications, apply two coats of ALSAN Flashing at the prescribed coverage rate.



TECHNICAL INFORMATION

TEMPERATURE APPLICATION RANGES

Ambient temperature	Substrate temperature
40° - 95° F (4° - 95° C)	40° - 187° F (4° - 86° C)

COVERAGE RATE - FLASHING APPLICATION

ALSAN Flashing Base Coat	2.0 gal/100 ft ²	32 wet mils
ALSAN Flashing Embedment Coat	2.0 gal/100 ft ²	32 wet mils
ALSAN Flashing Finish Coat*	2.0 gal/100 ft ²	32 wet mils

COVERAGE RATE - RECOVERY APPLICATION

ALSAN Flashing Base Coat	2.0 - 2.5 gal/100 ft ²	32 - 40 wet mils
ALSAN Flashing Top Coat*	2.0 - 2.5 gal/100 ft ²	32 - 40 wet mils

*Prior to curing, ceramic granules may be broadcast into this layer for aesthetic purposes.

PHYSICAL PROPERTIES

Property (as installed)	Values / Units	Test Method
Tensile strength	368 psi	ASTM D-412
Elongation	672%	ASTM D-412
Peel strength of adhesive bond	23.0 lbf	ASTM D-903
Shore A hardness	74	ASTM D-2240
Dry time	2-12 hours	n/a

APPROVED THERMAL INSULATIONS & COVERBOARDS

ALSAN Flashing and ALSAN PolyFleece can be used as a liquid membrane roof assembly when applied onto the following thermal insulation and cover boards:

- Sopraboard, 1/8 in. min. (3.2 mm)
- High Density Wood Fiber Board (HDWFB) coated six sides, 1/2 in. min. (13 mm)
- Plywood, 1/2 in. min. (13 mm), structural use panels, 7/16 in. min (11 mm).
- DensDeck, 1/4 in. min. (6 mm) Min. 1/2 or 5/8 in. (13 to 16 mm) required for FM Approvals thermal barriers)
- Polyisocyanurate* flat stock, 1.4 in. min. (36 mm), polyisocyanurate* tapered system, 1/2 in. (13 mm) min. with approved cover boards*.
- FM Approvals Listed vapor retarders, Sopralene Flam 180 or Sopralene 180 SP 3.5mm (heat welded only); Elastophene HD, Elastophene 180 Sanded, Sopralene 180 Sanded, Soprabase, Sopraglass Premium Base Sheet, Modified Sopra-G, hot mopped or adhered with Soprema cold adhesive to properly prepared, clean, dry and primed (where required) or these membranes or base sheets are mechanically fastened to acceptable substrates prior to the application of the ALSAN Flashing System.
- Contact Soprema for other possible Approved Substrates

*Note: Industry standards recommend, FM Approvals and in some cases UL requires cover or rigid board be installed on top of polyisocyanurate insulations when applying liquid membrane roof assemblies. Generic cover boards are listed above. Contact Soprema for additional information on currently Approved polyisocyanurate insulation boards that can receive a direct application of ALSAN Flashing to the board facer.