

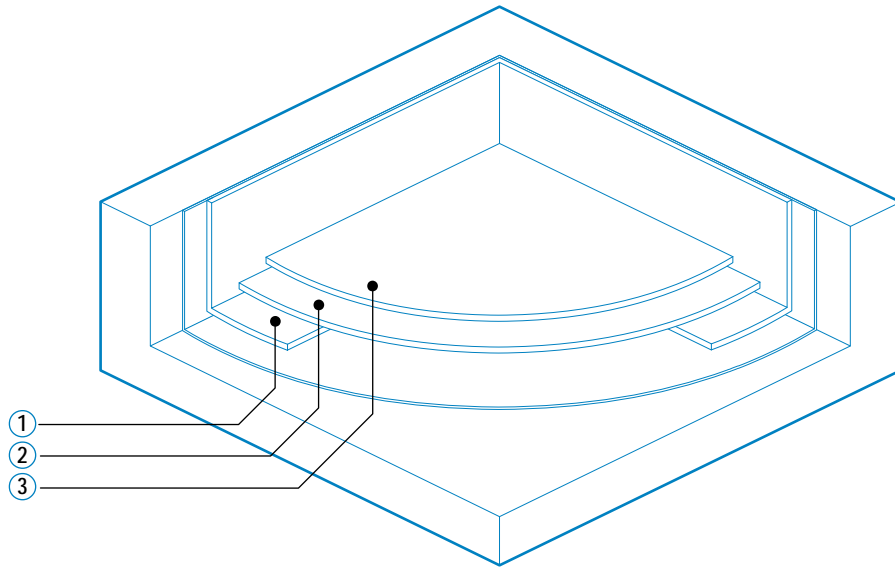
RECOVERY SYSTEM

PRODUCTS

- ① **Alsan FLEX Mastic + Fleece**
5 gal can
Flashing grade waterproofing layer reinforced with polyester fabric
- ② **Alsan FLEX (base layer)**
5 gal can
Sprayable silver intermediate application
- ③ **Alsan FLEX (finish layer)**
5 gal can
Sprayable white top application

PolyFleece

50' length; available in widths of 4", 6" and 8"



ALSAN FLEX SINGLE-PLY RECOVERY SYSTEM

Rapid curing, bright white coating system for single ply* membrane restoration

Surface preparation

Surfaces must be structurally sound, dry and clean; free from moisture, dirt, grease, oil, paint, contaminants or any other loose or existing waterproof coatings. Remove all previous coatings, laitance or any other contamination which may affect the bond of the Alsan FLEX resin. Gravel or debris between the substrate and plies is not acceptable. Mechanically remove all loose gravel, dirt, etc. by vacuum, mechanical broom, power washing, etc. For best results when power washing spray pressure should be in the range of 1000 – 1500 psi.

If any existing coating or prior contaminants cannot be removed, perform an adhesion test prior to the application of Alsan FLEX resin to ensure compatibility and proper bonding to substrate.

Any deteriorated roofing membrane being coated should first be repaired using like membrane to the existing roof system. Any roof system with excess moisture in the insulation must have the wet areas removed and replaced. Consult Manufacturer regarding any moisture issue.

All rust and contaminants need to be removed from metal to be flashed. Clean all metal to bright. Mechanical abrasion (SSPC SP-3 or SSPC SP-10) may be necessary to remove contaminants. Perform an adhesion test in the event potential vulnerability exists in pre-existing substrate conditions. For application to Kynar or metals with similar finishes contact the Soprema Technical Department.

Acceptance of the substrate is the sole decision of the owner or appointed representative.

1 Alsan FLEX Mastic + PolyFleece application

Using a slow-speed mechanical mixer, thoroughly mix the entire container of resin for two minutes prior to use in order to ensure proper incorporation of product "solids" which tend to settle during storage and shipping. For blister repair, extreme membrane separation or severely damaged repair areas, utilize Alsan FLEX Mastic and Polyfleece. Clean area with Alsan FLEX Cleaner and apply an even base coat of Alsan FLEX Mastic. Place spun-laced high performance polyester reinforcement scrim in wet liquid and immediately apply a top coat of E-KOTE Mastic wet-on-wet to ensure complete saturation of the scrim.

For all flashings, penetrations, repairs, drains, metal edges, applicable seams, etc. apply an even base scrim coat of Alsan FLEX Mastic with a brush or roller. Embed PolyFleece in this layer and immediately apply a top scrim coat of Alsan FLEX Mastic wet-on-wet. Cut PolyFleece 4" wider than the split, seam or transition in each direction. Ensure that PolyFleece is fully saturated and does not have voids, fish mouths, trapped air, or wrinkles.

* 'Single ply' refers to Hypalon, PVC, TPO and KEE membrane systems. For EPDM membranes, please refer to "Alsan FLEX EPDM Recovery System" short specification.

This specification refers to Alsan FLEX resin and is applicable for systems utilizing Alsan FLEX Series 1000 and Alsan FLEX Series 2000 products.

RECOVERY SYSTEM

Alsan FLEX STANDARD COLORS



bright white



silver

Custom colors available upon request. Please allow sufficient lead time. Minimum orders may apply.

2 Alsan FLEX base application

Using a slow-speed mechanical mixer, thoroughly mix the entire container of resin for two minutes prior to use in order to ensure proper incorporation of product "solids" which tend to settle during storage and shipping. For all application methodologies, product must be heated to 100° F with heat bands or heat exchanger to ensure proper viscosity for maximum performance of applied product. Heating of product to proper temperature range is required during application for both cold weather and warm weather to maximize uniform performance coverage.

When spray applying Alsan FLEX resin, pumps like the Graco 733, Graco King 45:1, Bulldog 30:1, HydraMax or similar should be utilized. Product should be sprayed at 2500 – 3000 PSI. Utilize recommended tip such as Graco 6 – 725 or 6 - 727. Always spray without utilizing atomizer bar to best ensure proper application millage and performance efficiency. Hold spray wand no higher than 12 inches from target substrate with 50% overlap and allow product to "FLOW" AND "SELF-LEVEL". Always spray at a straight "up and down" or 90° angle to enhance performance. Caution should be exercised especially with overspray. Apply an initial tack coat of Alsan FLEX resin with a sprayer and/or a roller over the entire roof surface. Allow the Alsan FLEX resin base coat to cure a minimum of 2-4 hours prior to application of Alsan FLEX white finish coat. It is recommended BUT NOT MANDATORY to utilize a "silver" color Alsan FLEX resin for the base layer application.

3 Alsan FLEX finish application

Apply a finish layer of Alsan FLEX resin with a sprayer and/or a roller over the entire roof surface. Allow the Alsan FLEX resin finish layer to cure a minimum of 24 hours prior to trafficking. It is recommended to utilize a "bright white" color Alsan FLEX resin for the finish layer application to maximize reflectivity and energy conservation.

technical data

Product	FLEX Mastic	FLEX (base)	FLEX (finish)
Coverage rate per can ¹	125 ft ²	333 ft ²	333 ft ²
Product volume ²	5 gallons	5 gallons	5 gallons
Coverage rate per 100 ft ²	4.0 gallons ³	1.5 gallons	1.5 gallons
Rain proof after	50 minutes	50 minutes	50 minutes
Set time / next layer	2 hours	2-4 hours	24 hours

This specification refers to Alsan FLEX resin and is applicable for systems utilizing Alsan FLEX Series 1000 and Alsan FLEX Series 2000 products.

¹ All coverage rates are approximate and may vary due to the application technique and surface roughness.

² Product is also available in 50 gallon drums.

³ Coverage rate refers to base application at 2.0 gallons per 100 ft² and top application at 2.0 gallons per 100 ft² with PolyFleece reinforcement embedded in between the two applications.