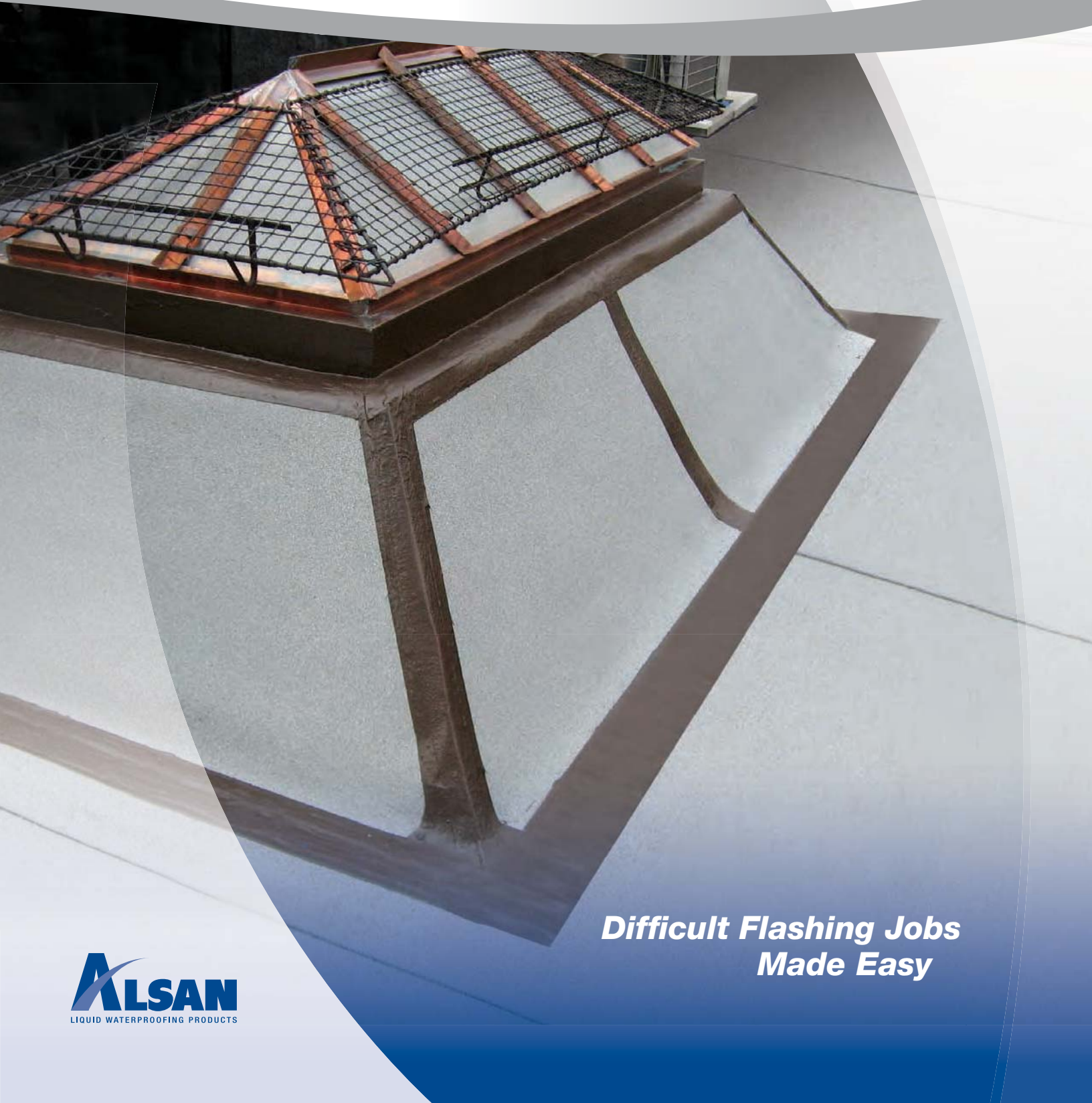


ALSAN FLASHING

Single-Component Resin



*Difficult Flashing Jobs
Made Easy*



ALSAN FLASHING

ALSAN FLASHING is a patented polyurethane/bitumen resin, single-component, moisture cured compound that utilizes low solvent technologies. Used in combination with ALSAN PolyFleece, they create a watertight, puncture and UV resistant liquid applied flashing or field membrane that is preferred by roofing contractors, architects and building owners.



ALSAN PolyFleece is a flexible, non-woven, polyester fabric reinforcement used in Soprema ALSAN cold liquid-applied, single-component polyurethane reinforced roofing and waterproofing membrane systems. It is designed to improve tear strength, puncture resistance, flexural fatigue and crack bridging capabilities while maintaining membrane uniformity.

ALSAN PolyFleece is recommended and widely used as flashing reinforcement with ALSAN FLASHING and other ALSAN liquid-applied, single-component polyurethane resins. It is highly flexible and conforms to any shape, irregular penetrations and other surfaces. It has excellent coating saturation capabilities into elastomeric polyurethane resins.

NO TORCHES

NO MIXING

NO PROBLEMS

As a Roofing & Waterproofing Contractor:

- Seamless flashing applications
- Able to conform to any irregular shape
- No fasteners or termination bars required
- ALSAN FLASHING details can be included in the membrane warranty
- Install and/or repair more roof in less time
- Eliminate mistakes that often occur when mixing liquids
- Reduce injuries and downtime
- Eliminate the headaches associated with torching, cutting and gluing
- Save money and increase profitability
- Never interrupt the tenants while you work

As an Architect/Consultant:

- Difficult flashing jobs are now made easier
- Costs are decreased due to ease of use
- ALSAN FLASHING is fully compatible with all other Soprema products and roofing systems

As a Building Owner:

- ALSAN FLASHING provides superior moisture protection
- ALSAN FLASHING costs less than other flashing methods
- ALSAN FLASHING is easy to apply, reducing labor cost
- No torches, no fires mean no problems for clients, neighbors and tenants



***Liquid Applied Waterproofing Solutions
for Roofing Surfaces***

*Jobsite photography courtesy of
Fort-Cica Roofing of New York City.*

INSTALLATION INSTRUCTIONS



Remove all loose material from the area and prep the metal. The area should be clean, dry and free of latency.



Apply a base coat of ALSAN flashing.



Trim reinforcing material in a traditional "finger joint" pattern and embed in the base layer and top coat with ALSAN FLASHING.



Follow with a "target" patch fully embedded in the ALSAN FLASHING.



To add color or optional aesthetic finish, apply a thin coat of ALSAN FLASHING and embed white roofing granules, Cural Aluminizer or primer and colored finishes.



Sweep away excess colored granules.



The completed flashing project.

ALSAN FLASHING

TECHNICAL DATA SHEET
130626SCAN1E
(supersedes 110712SCAN2E)

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 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).

INSTALLATION

ALSAN FLASHING is applied with a trowel, a brush or a roller in two (2) layers (minimum) or in three (3) layers when **FLASHING REINFORCEMENT** is required. Mix well the product before usage.

Transitions, changes in plan and junctions between two supports, must be reinforced with **FLASHING REINFORCEMENT. ARMATURE**. **FLASHING** is installed in a first layer of **ALSAN FLASHING**. This layer must be thick enough to completely immerse the reinforcement. **FLASHING REINFORCEMENT** will be immediately covered with a second layer of **ALSAN FLASHING** until saturation. The third layer of **ALSAN FLASHING** is applied when the second layer is dry and tack 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 or for aluminium colour with **SOPRALASTIC 124 ALU** waterproofing coating. The third coat of **ALSAN FLASHING** can be substitute by white aliphatic two-components **ALSAN FINISH** polyurethane 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.

COVERAGE

Coverage by layer			
	Coverage*	Thicknesses	
		wet mm	wet mils
Average consumption	3.78 L (1 US Gallon) covers approximately 4.6 m ² (50 ft ²) 18.9 L (5 US Gallons) covers approximately 23 m ² (250 ft ²)	0.8	30

* Coverage rates may vary depending on substrate conditions.

ALSAN FLASHING

TECHNICAL DATA SHEET
130626SCAN1E
(supersedes 110712SCAN2E)

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
Tear resistance	ASTM D903	102.3 N (23 lbf)
Tear resistance	ASTM D 5147, sec.7	253.5 N (57 lbf)
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

(All values are nominal)

PACKAGING

3.78 L and 19 L pails.

STORAGE & HANDLING

Shelf life: 12 months, properly stored in original unopened containers. For more information, refer to instruction on the label of the can and to relevant Material Safety Data Sheets (MSDS).