

# ALSAN FLASHING

TECHNICAL DATA SHEET APTDS-E-10-01

## 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:** traditionnal 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 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**

**Service temperature: -30 to 150 °C**

Do not use if rain or snow is predicted within 12 hours after the installation.

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## COVERAGE

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

\* Coverage rates may vary depending on substrate conditions.

## PROPERTIES

Properties	Standards	ALSAN FLASHING
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
Tear resistance	ASTM D903	102.3 N
Tear resistance	ASTM D 5147, sec.7	253.5 N
Water vapour permeance	ASTM E96 (Procedure B)	< 30 ng/Pa•s•m <sup>2</sup> (< 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).