

ALSAN WA

Elastomeric Liquid Applied Membrane



SOPREMA

SOPREMA MIDDLE EAST
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TECHNICAL DATA SHEET
130731SME2E
(supersedes -)

DESCRIPTION

ALSAN WA is a superior quality, elastomeric, liquid applied bitumen membrane blended with special ingredients. It is solvent based with special SBS rubber for high quality performance and durability. The elastomeric liquid applied membrane forms upon drying a tough elastic, flexible coating capable to withstand structural movements and moisture penetration.

APPLICATIONS

ALSAN WA is used in:

- Wet areas - Kitchens, bathrooms, balconies and shower rooms;
- Elastomeric liquid applied membrane for foundation, cellar walls;
- Non-potable water tanks, sewage tanks and tunnels;
- Liquid applied coating on vertical surfaces;
- Parking decks, planters, and damp floors.

INSTALLATION

Substrate Preparation

1. All substrate must be clean, free from dirt, dust, soil, grease, oil and other loose particles. Substrates that are very dry should be applied with a penetrative coating of **SOPREMA**.
2. Stir the solution thoroughly if stored for a long time.

Application on Porous substrates (e.g. Concrete Structure)

1. Prime the surface with solvent based primer **SOPREMA** and allow the primer to dry completely (6-8 hours).
2. Apply a minimum of 2 coats by brush or spray equipment.
3. The second coat is applied when the first coat has completely dried.
4. Apply each coat at a right angle to the previous one to achieve good coverage and uniformity.
5. A third coat is required for very porous substrates.
6. Drying time is 1-4 hours under normal conditions. Under damp and cold conditions it is recommended to allow 6 hours between successive coats.

HEALTH & ENVIRONMENT

The membrane does not contain any substance that might be detrimental to health or to the environment and complies with generally accepted health standards and Material Safety Data Sheet (MSDS).

QUALITY CONTROL

SOPREMA has always attached the highest importance to quality control. For this reason, we operate an internationally recognized quality system meeting ISO 9001 & ISO 14001 standards, independently monitored and certified.

Forms a tough and elastic waterproof film upon drying.

High elasticity (Exceeds 1000% elongation).

Excellent elastomeric protective coating.

Highly flexible.

Anti-corrosion properties.

Bridges minor cracks



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PACKAGING

Specifications	SOPRADERE
Physical state	Liquid
Colour	Black
Dimensions	20-L pails and 200-L drums

PROPERTIES

Properties	Standards	ALSAN WA
Total Solids	ASTM D2369	65 ± 5 %
Elongation	ASTM D638-95	> 1000 %
Recovery	ASTM D638-95	> 96 %
Density	ASTM D70	0.90 to 0.95 kg/L
Water Permeability (@ 5bar Pressure)	BS EN 12390	Nil
Drying Time	-	6 hours
Firm Set	-	24 hours
Viscosity	Brookfield	2000 to 2500 Cps
Tensile Strength	ASTM D638-95	> 12 N/cm ²
Adhesion to Primed Concrete	BS 1881 Part 207	> 0.5 N/mm ²
Coverage	-	0.5 - 1.1 kg/m ²
Puncture resistance Value Deflection	ASTM E 154	50 N 180 mm

(All values are nominal)

CLEANING

The brush and spray equipment should be cleaned immediately after use by means of a suitable solvent like white spirit, Petrol or Diesel oil.

STORAGE & HANDLING

Shelf life is minimum of 6-months in a tightly closed container. Avoid direct exposure to heat and sunlight. The product has to be thoroughly mixed.

