Technical Data Sheet

# AWAZEL LIQUID MEMBRANE (ALM)

Cold Applied, Elastomeric Coating

## INTRODUCTION

ALM is a solvent based synthetic rubber modified, bituminous, cold applied compound, with anti-oxidants and special additives to enhance adhesion. After drying, it forms a continuous bituminous membrane.

## ADVANTAGES

- Cures to a tough elastic film, resistant to weather,
- sun, rain, underground water salts
- Resistant to acids and alkalis
- Easy to apply and reduces labor cost.
- Economical waterproofing liquid membrane.

## USES

ALM is recommended for dampproofing and waterproofing of concrete and masonry surfaces above and below ground, walls, floors, roofs, bridges, bathrooms, toilets, kitchens and other surfaces which require a highly flexible coating.

## INSTRUCTIONS FOR APPLICATION

*Surfaces preparation:* The surfaces must be clean and free of oil, grease, debris or other foreign matters. It is recommended to prime the surface with AWAZEL PRIMER D 41 to enhance bonding. Allow the PRIMER to dry completely before applying ALM.
*Application:* After stirring well, ALM can be applied by wood float, trowel or squeegee. If the material is found too thick for application, it can be diluted with AWAZEL SOLVENT or a suitable solvent as recommended by AWAZEL.

## CLEANING

ALM can be removed from equipment and tools with any suitable solvent such as gasoline or kerosene.

## COVERAGE

Approximate rate : 1.5 kg/m$^2$ for each 1 mm dry film thickness required.

## HEALTH & SAFETY

Workers should wear protective masks, gloves and goggles during application.

## PRECAUTIONS

ALM contains volatile solvent and has a low flash point. Care must be taken to ensure that there is adequate ventilation in the working place. Fires and naked flames should be kept at a distance.

## PACKING

ALM is packed in 18 kg cans. Special weight is available upon request.

## STORAGE

Store in a dry and shaded area in original packing. The container should be kept covered while working in order to prevent the evaporation of solvent.

# AWAZEL LIQUID MEMBRANE (ALM)

## TECHNICAL DATA

| Properties | SPECIFICATION | Test Method |
|---|---|---|
| Brookfield Viscosity at 25°C, S4, 2 rpm, cPs | 15,000 - 75,000 | Brookfield Viscometer |
| Flexibility at - 20 to - 25°C (for base compound) | No Cracking | DIN 52123 |
| Heat Resistance at 60°C (after drying) | No Sagging | ASTM D 4479 |
| Drying time to touch, hours | 3 - 5 | MRDD - 13 (97) |
| Drying time to through, hours | 36 - 72 | MRDD - 13 (97) |
| Adhesion to dry surface | Excellent | ASTM D 3409 |
| Non volatile matter, % | 60 - 70 | ASTM D 4479 |
| Flash point (Tag Open Cup) | <30 | ASTM 3143 |
| Ultimate Elongation of the base compound, % | >2000 | MRDD - 10 (97) |
| Elastic Recovery of the base compound, % | >60 | MRDD - 11 (97) |

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