

ACRYLIC ROOF MEMBRANE



ADFLEX A.R.M

DESCRIPTION:

ADFLEX A.R.M. is a high build membrane coating formulated from premium grade Australian made acrylic emulsions and exhibits superior qualities of durability, cohesive strength, flexibility and water and weather resistance. Unlike other hard decorative surface finishes or interior coatings based on cheaper grades of emulsions, either heavily filled or low in volume solids, ADFLEX A.R.M. provides long life flexible protection with long lasting UV resistance.

FEATURES/BENEFITS:

- attractive, decorative, functional waterproof membrane finish
- protects structures against environmental elements
- seamless & flexible
- heavy thixotropic consistency
- excellent gap filling properties
- low sheen finish
- available in a virtual unlimited range of colours

TYPICAL APPLICATIONS:

- Low sheen finish
- Roofing & decking
- Walls subject to cracking & water penetration from wind driven rain.

TYPICAL PROPERTIES:

Appearance:	Viscous Liquid in various colours	
%Elongation at Break:	AS 1145	475%
%Elongation after UV Exposure:	AS 2433	390%
Tensile Strength:	AS 1145	1.9Mpa
Tensile Strength after UV	AS 2433	3.3Mpa
Water Vapour Transmission:	ASTM E96	13.6g/m/day
Moving Joint Test- Not reinforced	CSIRO Method	Passed
Reinforced with Reofab	“ “	Passed
Viscosity:	AS 1321 Pt 9 Spindle 7 Speed 20	45.3
Density:	AS 2341.7	1.243Kg/L
Non Volatile Matter:	AS 132.10	65%

Values provided above are typical average figures achieved in laboratory testing. Actual values achieved in on-site conditions may vary slightly.



APPLICATION:

Surface Preparation:

All surfaces must be clean & dry, free of oils, grease, and laitance, curing compounds, form release agents and any other contaminants that may impair adhesion of the primer coat. Concrete and cement to be fully cured.

Expansion Joints:

Expansion joints shall be treated in the conventional manner, refer manufacturer for directions.

Priming

Although priming is not critical to ensure adhesion to most substrates, priming is recommended. Dust, very porous and hot surfaces are detrimental to all surface coatings. The use of a primer such as ADFLEX WBP for internal applications or

ADFLEX WBE is recommended for external applications such as **roof decks**.

Apply a single coat of WBE primer by brush roller or spray at a rate of 0.25 to 0.33 litre per sq.mtr.(3-4 sq. mtr. per litre).

ADFLEX ARM Membrane may be applied directly over sealed expansion joints. For applications where the membrane is to be applied over expansion joints where excessive movement is anticipated apply an additional Bandage strip, of ADFLEX A.R.M. membrane and REOFAB, re-enforcing over the joint area prior to application of ADFLEX ARM system. Refer manufacturer for further details.

Horizontal surfaces shall have sufficient falls to ensure no ponding occurs. It shall be responsibility of the Applicator, the Builder and the Specifier to ensure that the surface to be coated is acceptable and in accordance with the manufacturers' requirements prior to application. Curing compounds if required must be compatible with

the membrane system.

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APPLICATION:

Application is by roller, brush or heavy duty spray units. For re-enforced membrane systems, the bedding coat is best applied by broom to ensure positive penetration of the re-enforcing fabric (Reo-Fab).

Although ADFLEX ARM has good adhesion to most substrates, the application of ADFLEX WBP or ADFLEX WBE provides superior adhesion to porous surfaces.app

Apply a minimum of 2-3 coats at a total rate of 1.5lt per sq.mtr.to achieve a total wet film thickness of 1.5mm.

CLEAN UP:

Wash all equipment and any minor spills with clean water whilst still wet.

LIMITATIONS:

ADFLEX A.R.M. Membranes shall not be applied if rain is imminent and shall be protected from liquids for a minimum of 24 hours after application. Application should not be applied in temperatures lower than 10°C or above 36°C particularly in dry and windy conditions.

SAFETY DATA:

Non flammable and classified as non-hazardous.

UN-NUMBER: N/A HAZCHEM CODE: N/A

DANGEROUS GOODS CLASS & SUBRISK: N/A

POISION CODE: N/A

May cause irritation when in contact with sensitive skin and eyes. Wash infected area with copious quantities of water. If ingested contact a doctor or the poisons information centre. DO NOT induce vomiting. Give water to drink. The use of eye protection is recommended.

The information presented in this data sheet does not imply any warranty. Further, the maker reserves the right to alter the product, the specification and/or the application techniques as described herein without prior notice, in line with his policy of technological advancement and product improvement. Whilst any information and/or specification contained herein is to the best of our knowledge and experience, all of the above information must in every instance be taken as merely indicative and subject to confirmation after long-term practical applications. For this reason, anyone intending to use the product must ensure beforehand its suitability for the envisaged application. In every instance, the user alone is fully responsible for any consequences deriving from the use of the product. Furthermore, no warranty is given or implied in connection with any recommendations or suggestions made by us or our Representatives, Agents or Distributors as conditions of use and any labour involved beyond our control.



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