



# WET-AREA MEMBRANE

## DESCRIPTION

**Acrylmeric WET AREA MEMBRANE (WAM)** is a one component, water based, fast drying and flexible liquid waterproofing membrane. It is based on durable acrylic polymers and designed specifically for waterproofing external exposed and internal wet areas over a variety of substrates.

## AREAS OF USE

**Acrylmeric WAM** has been specifically formulated for waterproofing internal wet-areas such as shower recesses, bathrooms, toilets, laundries, and also for external waterproofing applications such as planter boxes, concrete decks and balconies. ACRYLMERIC WAM is designed to be tiled over in many applications, and may be used over concrete, rendered brick and block work and compressed fibre cement sheet.

## FEATURES

- Non toxic, water based acrylic with easy clean-up.
- One component liquid, fast drying, and easily recoated.
- Will tolerate movement and minor substrate cracks.
- Compatible with cement based tiling adhesives.
- Resists algae and fungal growths
- Meets all the requirements of AS4858:2004 Pt III

## PHYSICAL PROPERTIES

Appearance	White or Grey paste
Gloss Level	Satin
Solids Content (w/w)	64 – 66% min.
Specific Gravity (kg/L)	1.41 +/- 0.05
Drying Time	Approx 10 hours @ 25°C
Recoat Time	4-6 hours @ 25°C
Dry Film Thickness	Roofs and Decks 500 µm (microns) DFT per coat Internal Wet Areas 700 µm (microns) DFT per coat

## STANDARDS

Meets all the requirements of AS4858:2004. Part III (High Extensibility)

## INSTALLATION PREPARATION

Surfaces to be coated must be clean, dry, and free from dirt, dust and grease or oil contamination, mortar splashes and laitance. They should also be free from protrusions from the surface, from holes and major cracks. New concrete should be allowed at least 28 days cure prior to coating and be wood float finished. Steel float finishes must be acid etched, or mechanically abraded prior to application of the material. Rendered surfaces must be allowed to cure for 7 days prior to commencement of waterproofing. Cracks of a hairline nature, and up to 2mm may be patched with initial application of the membrane. Cracks larger than 2mm should be filled with approved silicone/PU type sealant with a minimum 50mm width PE/PP tape placed over the crack prior to the application of the membrane.

*Primer options to ensure optimum adhesion:*

**Acrylmeric ACRYLMERIC WB EPOXY PRIMER MEMBRANE:** A water-based epoxy primer for masonry, plaster, fibre cement sheeting, thinned 20% with water and applied at a rate of 3m<sup>2</sup>/L. Or

**Acrylmeric SUPERSEAL PRIMER** A solvent-based primer for masonry, plaster & dense substrates including fibre-cement sheet and "wet-area" particleboard applied at rate of 6-8m<sup>2</sup>/L.

**Acrylmeric WAM** is a one component material and ready for use as supplied. However, stirring with a mechanical mixer is recommended to overcome any settling.

## APPLICATION

Ensure that all surfaces have been prepared in accordance with the manufacturer's specification.

1. **Acrylmeric WAM** can be applied using a thick brush or roller. Apply the initial coat, embedding any specified polyester matting reinforcement, and taking care to eliminate bubbles and/or wrinkles in the reinforcement. Roll in to ensure total encapsulation of the reinforcement whilst still wet.



As necessary apply additional **Acrylmeric WAM** over the reinforcement to fully penetrate and encapsulate the mesh. Application of these coats to approximate 1.5-2m<sup>2</sup>/L. Pay particular attention to detailing around outlets and hobs. Lay the reinforcement at least 75mm on up-turns and downturns. Allow a minimum of 4 hours, preferably overnight dry before application of the following coat.

2. Apply a second coat of **Acrylmeric WAM**, ideally as a contrast colour, at a rate of 2- 2.5m<sup>2</sup>/L ensuring complete coverage with absence of any air bubbles. Allow a minimum of 4 hours, preferably overnight, before applying a third coat at the same spread rate.

3. Allow **Acrylmeric WAM** to cure at least 48 hours prior to tiling. Tiling should not commence until the membrane is completely dry, and not shown to be deformable by foot traffic from after trades.

4. Use cement based tiling adhesives. Solvent based adhesives are not recommended over this membrane.

#### COVERAGE

Surface type and texture affects the coverage rate. Generally, the recommended spreading rates of 2- 2.5m<sup>2</sup>/L/coat will provide a dry film thickness of 500 – 700 microns without reinforcement mesh (or 700-1000 microns with reinforcement mesh), over a 3 coat application. **Acrylmeric WAM** can generally be recoated within 4 hours in warm and dry conditions however overnight dry is most preferable prior to the application of a subsequent coat.

#### PRECAUTIONS

Do not apply **Acrylmeric WAM** below 10°C or above 40°C, or if temperature is expected to fall outside this range within 4 hours after application. DO NOT APPLY EXTERNALLY IF RAIN IS ANTICIPATED WITHIN 4 HOURS OF COMPLETION OF APPLICATION. Do not apply over glass or glazed surfaces, or over substrates pre-treated with water repellents.

Do not apply in areas where negative hydrostatic pressure is evident, or likely to occur.

**Acrylmeric WAM** is not recommended for areas of permanent immersion.

#### CLEAN UP

Clean all tools with water whilst the membrane is still wet. Use Methylated Spirit to remove tacky residues.

#### COLOURS

Available as White and Grey in satin finish.

#### PACKAGING

4L and 15L plastic re-sealable pails. Reseal container immediately after use.

#### SHELF LIFE

12 to 18 months when stored in a cool, dry place in unopened containers. Once opened and resealed, use the remaining contents within 3 months.

#### HEALTHY & SAFETY

This material is non-toxic and non flammable however the contents should not be ingested or inhaled. Wear basic vapour masks and latex gloves when handling. Wash splashes on the skin with soap and clean water. Clean all spills with absorbent material. Provide adequate ventilation if using in enclosed areas. SDS is available upon request.

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