



# WB EPOXY PRIMER MEMBRANE

## DESCRIPTION

**Acrylmeric WB EPOXY PRIMER MEMBRANE** is a two pack epoxy primer / membrane used for priming and waterproofing various substrate. It is designed as a primer / non flexible membrane coating to be used on dry and damp masonry, concrete and brick substrate and is also an excellent primer for fibre glass.

## AREAS OF USE

- Swimming pools , water tanks, fish ponds , aquaculture ponds
- Prevents seepage or dampness penetration through the interior of walls and floors
- As a waterproofing barrier on both the positive (wet) side and the negative (dry) side of the building envelope such as tunnels, retaining walls, basements and underground car parks
- Designed to be used for Waterproofing concrete floors underneath vinyl and timber overlays
- Forms moisture barrier on damp walls and floors
- Primer for Fibre glass, Acrylic and Polyurethane membranes
- Dust seal for concrete
- Can be used as Concrete Curing Membrane

## FEATURES

- Used as Primer / Waterproofing
- Water based – Environmental Friendly, non flammable and non toxic
- VOC Free and low odour
- Excellent water resistance
- Prevents rising damp
- Excellent adhesion to green concrete, brick, masonry, concrete block , stone and fibreglass
- Excellent adhesion when applied to both dry and damp surfaces
- Resistant to hydrostatic pressure
- Can be top coated with any paint ( single pack or two pack )
- Easy clean up with water, no solvent required



## TYPICAL PROPERTIES

- Colour** : Grey
- Mixing Ratio** : 1 :1 Part A : Part B by volume
- Induction time** : 5 minutes
- Pot life** : 1.5 hours
- Touch dry time** : 3 hours
- Recoat time** : 5 hours
- Coverage** : 3 m<sup>2</sup> / L per coat
- Recommended coats** : One coat for priming or sealing concrete  
Two coats for waterproofing
- Wet film thickness** : 300 microns per coat for waterproofing

## PRECAUTIONS

- Do not apply if the surface temperature falls below 10°C or rises above 35°C, or is likely to fall outside these limits during drying or when humidity is very high.
- In enclosed areas, ventilation must be provided during drying time to enable evaporation of water.

## APPLICATION

### Prior to painting

All surfaces should be thoroughly cleaned and free of scale, dust, dirt, oil and grease. If oil or grease is evident, wash with a suitable detergent/degreaser and then flush with fresh water before application. For old bare concrete surfaces, pressure cleaning with a high pressure (3000 psi) water blaster is recommended. All surfaces to be painted must be structurally sound; any existing coating, efflorescence should be removed to achieve maximum bond strength and resistance to hydrostatic pressure.

Previously painted surfaces should be scraped free of all loose and flaking paint using a paint scraper or wire brush. Any painted or glossy surfaces should also be lightly abraded with suitable sand-paper until slightly rough to touch.

Smooth concrete should be acid etched with a solution of one part Hydrochloric Acid to five parts water, then thoroughly rinsed off with water.

Prior to mixing, stir each component thoroughly to ensure that each is homogeneous and uniform throughout. Thoroughly mix the two components in ratio of 1:1 by volume until a homogeneous blend is obtained. Mix only sufficient material for use within 1.5 hours (pot life). Always avoid air entrapment during mixing



### Priming

Acrylmeric WB Epoxy Primer Membrane can be used on most suitably prepared surfaces. However, for bare concrete surfaces, the paint must be thinned with water for the first coat by 20% as a priming coat so that maximum penetration is achieved. Ensure that the thinned paint is mixed thoroughly. When product is applied to dry concrete it is advisable to wet the surface with fine mist of water before application. Apply by brush, roller, squeegee or airless spray application.

**Flooring:** Spread the material using a squeegee or stiff nylon broom to achieve coverage and finish using a long nap roller.

**Brush:** Apply liberally and lay off with tip of the brush.

**Roller:** A 12mm nap roller is recommended for general use, however a 20mm nap is suggested for use on rough or textured surfaces.

**Spray:** Use .023" to .027" tip with airless spray system, thinning sparingly with clean water only if required.

### Coverage

Up to 3m<sup>2</sup>/L per coat depending upon surface roughness and porosity.

### Clean-up

Reseal containers immediately after use.

Clean all equipment in water or water/ detergent immediately after completion and whilst still wet.

### Storage and Shelf Life

Store in a cool, dry place in sealed containers. Shelf life before opening is 24 months.

Once opened and resealed, ideally use the remaining contents within 6 months.

### Health, Safety & Environment

Thoroughly read the SDS before commencing any application. Keep away from children. Avoid inhalation, breathing vapour and contact with skin. Wear adequate personal protection when mixing or applying. Always provide adequate ventilation especially in confined areas. If swallowed immediately rinse mouth and then drink plenty of water. Seek medical advice. Wash any paint splashes on the skin with clean water. If irritation occurs seek medical advice. In the event of eye contact immediately irrigate with plenty of fresh water for at least 15 minutes. Hold eyelids open. In all cases of eye contamination, it is a sensible precaution to seek medical advice.

In the event of a spill, contain the spread of paint to prevent contamination of drains and waterways. Clean up spills with absorbent materials such as soil, sand, or vermiculite and then collect and seal in properly labelled containers for disposal. SDS is available upon request.