



APPLICATION GUIDE

WB EPOXY PRIMER MEMBRANE

Surface Preparation:

Prior to painting

All surfaces to be painted must be structurally sound and stable and thoroughly cleaned and free of previous coatings, adhesives, efflorescence, loose flaking friable materials, laitance. It should be removed by mechanical means such as chipping, abrasive blast cleaning, high pressure water washing, scrubbing or other suitable means.

The surface should be free of 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.

Any painted or glossy surfaces should also be lightly abraded with suitable sand-paper until slightly rough to touch.

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

Holes, gaps, blowholes, honeycombed surfaces and cracks should be filled and made sound using a suitable non-shrink mortar.

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.



Mixing Technique:

Prior to mixing the two parts, stir each component thoroughly making sure the components are homogeneous and uniform. Then mix the two components thoroughly in ratio of 1:1 by volume (equal volume) until a homogeneous blend is obtained and wait for 5 minutes before using. Mix only sufficient material for use within 1.5 hours of pot life.

Always avoid air entrapment during mixing

Application Technique:

Apply by brush, roller, squeegee or airless spray in 2 or more coats at the coverage rate of 3 square metres per litre per coat. The wet film thickness per coat should be approximately 300 microns.

If applying to dry concrete, cement, block work or Hebel, it is recommended that the surface be lightly pre-dampened with a fine water spray before application

Make sure all the surface areas including holes and voids are completely covered, avoiding pinholes. The first coat may be thinned by 20% with water to achieve good penetration depending on the porosity of the substrate.

When applying on Floors :

Follow the following steps :-

- 1) Pour the mixed paint onto the flat area to be painted spread using squeegee
- 2) Then apply first coat evenly across in one direction using a long nap roller.
- 3) After 5 hours, recoat at right angle to previous coat.
- 4) Allow to cure for at least 24 hours before applying cement based adhesives, mortars, levelling compounds, decorative coatings or other surface treatments.



When applying on Walls :

Apply the product by roller or airless spray ensuring required coverage is achieved

A minimum of two coats is recommended and it's important to ensure that uniform coating is applied at total coverage of 1.5 square metres per litre for two coats to achieve optimum performance. In a situation where this coverage rate is not achieved in two coats, then a further coat should be applied to achieve a total uniform coverage rate of 1.5 square metres per litre.

Allow to cure for at least 24 hours before applying adhesives, mortars, levelling compounds, decorative coatings or other surface treatments. Care should be taken to ensure the coating is not damaged in any way during further treatments.

Clean Up

Wash all equipment in water or water/detergent immediately on completion.