

TECHNICAL DATA SHEET

EPOCOAT MB WHITE

Moisture Barrier Primer for Floor Coatings

PRODUCT DESCRIPTION:

EPOCOAT MB WHITE is a two-component, 100% solids epoxy specially formulated as a high-strength primer for use in priming all concrete surface and steel prior to the application of any resin-based floor coatings and toppings.

TYPICAL USES:

- High-protective coating
- Pigmented binder for seamless broadcast flooring system
- Low-viscosity binder for trowel applied mortar flooring
- High-quality concrete epoxy primer
- For damp surfaces

INSTRUCTIONS FOR USE

SURFACE PREPARATION

A. AGED UNCOATED CONCRETE

Aged uncoated concrete must be dry, clean, and free from oils, fats, or greases. Degrease or scrub with detergents if necessary. The concrete must be free from any incompatible additives or curing agents. Clean by acid etching or abrasive blasting.

B. PREVIOUSLY EPOXY-COATED CONCRETE

Remove loose dirt, dust, and paint by sweeping or vacuum cleaning. Remove grease, oil, floor compound, wax, and other contaminants.

Caustic soda treatment must be used on areas covered with grease and/or soap scum build-up. Heavy contaminated areas may require further removal by mechanical methods. If the floor is very old and completely saturated with oil, no cleaning method will completely remove the oil. In this case, try a small area and apply a sample of the system before cleaning the entire floor.

Very glossy or hard coatings should be sanded to ensure maximum adhesion.

Concrete floor areas, which require patching, should be free of dirt, oil, grease, and other chemical contaminants. A test patch is recommended before applying over existing coatings.

MIXING

Stir individual components before mixing. Add Part B to Part A and mix thoroughly until uniformly blended to a workable consistency. Use the mixture immediately. Do not mix more material than can be used within the expected pot life. No thinner is required.

Note: *Keep the mixture away from direct sunlight to avoid premature curing.*

EQUIPMENT

Brush or Roller application: Additional coats may be required to attain proper thickness.

CLEANING

Clean all tools or equipment used while the coating is still in its uncured state. Use **EPOXY REDUCER** or lacquer thinner to clean tools and spills.

PHYSICAL DATA:

FINISH

Gloss will chalk if exposed to sunlight

Note: *On exposure to sunlight, it will chalk and light colors may yellow without detracting from overall durability.*

COLOR

White

Note: *White and light colors may show yellowing on aging. Yellow, red, and orange colors will fade faster than other colors due to the replacement of lead-based pigments with lead-free pigments in these colors.*

Solid Content	: 99 ± 1% (mixed volume, %)
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Potlife @ 29°C	: 30-45 mins. less at higher temperature
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Mixing Ratio

3 parts A : 1 part B (by volume)

Drying time

Set to touch, hr.	: 3 hours
Dry through, hr.	: 6 hours
Initial Cure at 29°C	: 12 hours
Full Cure	: 7 days

Note: *Keep out of the sun before blending. Some discoloration and darkening will occur at temperatures greater than 90°C, this will not affect film integrity or coating performance.*

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THEORETICAL COVERAGE

13-14 m² per gallon set at 250 microns thickness

Note: *The coverage rates provided above are for guidance purposes only. Actual usage may vary depending on the specific substrate conditions and application methods.*

STORAGE AND HANDLING

EPOCOAT MB WHITE has a shelf life of 36 months if stored in a dry cool place unopened.
Store at temperatures between 10°C to 38°C. Do not open containers until ready to use the material.

PACKAGING

EPOCOAT MB WHITE is available in 3.8 kg gallon set

PRECAUTIONS:

Proper ventilation and protective measures must be provided during application and drying to keep solvent vapor concentrations within safe limits and to protect against toxic hazards. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interiors and buildings.

EPOCOAT MB WHITE is non-flammable.

Refer to the latest Safety Data Sheet (SDS) for comprehensive safety information on the proper handling of this product.

WARRANTY AND DISCLAIMERS

The information provided in this technical data sheet is based on our best knowledge and testing methods. Any product use outside of specifications or improper storage or installation voids any warranty. Users are encouraged to conduct their own testing to assess product suitability. Always consult the product's safety data sheet (SDS) for safety guidelines and follow recommended precautions. We reserve the right to update this data sheet without notice, and users should ensure they have the latest information.