

TECHNICAL DATA SHEET

EPOXY PRIMER HB

EPOXY PRIMER HB is Epoxy based, solvent-free, dual-component wall primer. It has being designed with no sag characteristics. It provides good bonding between the substrate and overcoating.

Application

- As primer can be applied on interior concrete surface on walls
- As a reinforcing filler and repair mortar when mixed with a suitable quartz aggregate
- As a primer for ACF Epoxy and Polyurethane coating system.

Technical Information

Components	: A: Base B: hardener
Color	: Transparent Mixture
Pot Life	: About 30 – 50 minutes
Application time	: 20 - 30 minutes

Characteristics

- Does not contain solvents
- Adheres perfectly on cement-based surfaces
- Medium viscosity
- Penetrates the capillary cavities of the concrete surface in depth and fills the voids
- Chemical resistant
- Easy to apply by roller or putty blade

Conditions of application

The Epoxy coating must be used at an ambient temperature of +5 °C-and +35 ° C. •
The application surface temperature must be above + 10 ° C. The surface must not present any risk of frost.

Application on hot surfaces or in sunny and windy weather is not recommended.
Avoid applying at very high humidity.

Application Methodology

Surface Preparation

- Ensure that the moisture in the substrate is less than 5% and also ensure that there is not raising moisture or any other source of water leakage such that the substrate gets saturated with water
- Prepare the surface by mechanical grinding or other suitable method.
- Remove dust, flakes, oil, grease or other loose foreign particles by sand blasting, iron brush or compressed air. Remove old painting using surface grinder.
- For best bond, concrete surface must be slightly textured.
- Any cracks must be treated properly. The cracks need to be cut open in V-groove shape and then remove the dust and debris from it. Then prime the grooves. Repair the cracks with smooth epoxy putty.
- Allow the repaired areas to cure.
- After curing grind, the putty wherever necessary in order to get a substrate level finish
- Then remove the dust using vacuum cleaner before coating with primer

Mixing

- Pour Comp A (Base) into clean container,
- Into the Comp A add Comp B (Hardener) slowly whilst mixing
- Mix for 3-5 minutes or till homogeneous mix is achieved.
- Mixing can be done using drill mixer fitted with suitable paddle.

Application

- Apply the mixed product using brush, roller, putty blade (scraper) or any other convenient method
- Apply as per recommended coverage.
- Allow the primer to dry before overcoating.
- If rough surface may be required then quartz sand can be sprinkled on the wet applied primer.

Packaging

Metal buckets of 15 Kgs (Comp A + Comp B)

Storage and lifetime

- When stored in a cool, dry place and at temperatures above 5 ° C, the shelf life is 12 months from manufacture.
- Products should not be stored in damp containers.
- When not in use, open packages should be tightly closed to avoid contact with air.
- Avoid storing in very high humid areas.

Health and safety

- This product is irritating to eyes and skin due to the contents. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water and soap.
- Wear appropriate protective clothing, gloves and face shield.
- The product should not be inhaled. Appropriate mask should be used if necessary.
- Keep the product out of the reach of children

Note: The initial controls of our product are made during the production phase. We guarantee the quality of our products. All recommendations and instructions on the data sheet are generally based on our experience. Please contact us for applications on special surfaces are not mentioned in the datasheet. Our company reserves the right to update the information on the data sheet in case of technical needs without notice.

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