

ShaliPrime Epoxy HB / LB

Two Component Epoxy Primer for Concrete Surfaces



Description

ShaliPrime Epoxy HB / LB is suitable for priming concrete surfaces prior to the application of any Epoxy floorings and coatings. It is two component epoxy based primer with good penetrative properties. **ShaliPrime Epoxy LB** is suitable for wall priming.

Characteristics

Adhesion to concrete	Excellent	Pot Life	50 – 70 Minutes
Coverage, Gms / Sq.M	150 200 – 250	Application Temperature	10 °C to 40 °C
<ul style="list-style-type: none">• LB• HB		Flash Point	25 °C
		Water absorption	Nil

Application

- Used as primer on concrete floor prior to the application of base coat / floor toppings like epoxy screeds, epoxy mortars, polyurethane flooring.

Advantages

- Better bonding.
- Helps ensure good adhesion and also prevents air release from the porous substrate, which may cause bubbles in the final epoxy topping later.
- Seals porous surface to give quality finish.

Application Methodology

- Concrete surface should be at least 28 days old or have a moisture content of less than 5% before proceeding with epoxy application.
- Laitance and deposits on concrete floors are best removed by light grit blasting, mechanical scrubbing or grinding.
- Any oil, grease, etc should be removed by acid etching or by burning.
- To ensure good adhesion all contamination should be removed and the surface thoroughly cleaned of all dust and loose debris. A thorough detergent wash is also recommended followed by thorough cleaning with clean water and mopping it off to a dry state.
- **ShaliPrime Epoxy** should be applied on bone dry surface.
- Add the entire contents of the Component B to Component A and mix thoroughly for 3 mins. until homogeneous mix is achieved, using a slow speed drill (400 - 500 rpm) fitted with a suitable mixing paddle.
- Once mixed the primer should be applied immediately in a thin continuous film to the clean prepared surface.
- Apply primer into the surface using a stiff brush or roller.
- On porous surfaces **ShaliPrime Epoxy** will be absorbed very quickly leaving characteristic light coloured dry patches. In such cases it is recommended that a second priming coat be applied to these dry areas.
- This not only helps to ensure good adhesion but also prevents air release from the porous substrate which may cause bubbles in the final epoxy topping later.
- Before application of Epoxy Mortar, **ShaliPrime Epoxy** should be in tacky condition.
- Before application of Self leveling system or epoxy coatings, ShaliPrime Epoxy should be allowed to dry for 6 -8 Hrs or left overnight for drying.

Limitations

- Do not apply **ShaliPrime Epoxy HB / LB** on surfaces known to, or likely to, suffer from rising dampness, potential osmosis problems or having relative humidity greater than 75 %.
- Do not apply **ShaliPrime Epoxy HB / LB** to asphalt, weak or infirm concrete, unmodified sand / cement screeds, PVC tiles or sheets, or substrates known to move substantially e.g. steel walkways.

Health & Safety

- The product should not come in contact with the skin and eyes, or be swallowed.
- Ensure adequate ventilation and avoid inhalation of vapours.
- Wear suitable protective clothing, gloves and eye protection.
- In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice.
- If swallowed seek medical attention immediately - **do not** induce vomiting.

Packing

Epoxy Primer is available in 2 Kgs Unit and packed in 12 Kgs Carton.

Storage

Store in a cool dry place under shed away from heat.

Shelf Life

12 months in original unopened sealed condition.