



## **PolyPrime Epoxy HB / LB**

Two Component Epoxy Primer for Concrete Surfaces

### **DESCRIPTION**

PolyPrime Epoxy 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. PolyPrime Epoxy LB is suitable for wall priming.

### **TECHNICAL DATA**

Adhesion to Concrete	Excellent	Pot Life at 30 °C	50 – 70 Minutes
Coverage, gms/sqm LB HB	150	Application Temperature	10 – 40 °C
		Flash Point	25 °C
	200 - 250	Water Absorption	Nil

### **APPLICATIONS**

- Used as primer on concrete floor prior to the application of base coat / floor coatings like epoxy screeds, epoxy mortar and 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 and moisture content of the floor should be 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 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
- PolyPrime Epoxy should be applied on bone dry surface
- Add the entire contents of the component B to component A and mix thoroughly for 3 minutes 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 PolyPrime Epoxy will be absorbed very quickly leaving characteristic light coloured dry patches. In such case it is recommended that a second priming coat be applied to these dry areas
- This not only helps to ensure 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, PolyPrime Epoxy should be in tacky condition
- Before application of self leveling system or epoxy coating, PolyPrime Epoxy should be allowed to dry for 6 – 8 hrs or left overnight for drying.



## **LIMITATION**

- Do not apply PolyPrime 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 PolyPrime 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 AND SAFETY**

- Use mask, nose cover and hand gloves during application
- Ensure adequate ventilation and avoid inhalation of vapours
- Clean hands with soap after application
- The product should not come in contact with the skin and eyes
- Avoid contact with skin / eye. In case of unlikely contact with skin / eyes, rinse immediately with plenty of clean water, then clean with soap and lukewarm water and seek medical advice. Do not use solvent to clean the contacted area
- Prevent swallowing. In case of unlikely swallowing, seek medical attention immediately. Do not induce vomiting.

## **PACKAGING**

Available in 2 kgs unit and packed in 12 kgs carton.

## **STORAGE**

Must be stored in original packing at ambient temperature, dry place under shed away from heat.

## **SHELF LIFE**

If stored in original unopened sealed under the above conditions, it has a shelf life of 12 months.