

ShaliPrime[®] 2 E

2K Epoxy Polyamide Cured Epoxy Primer-cum-Sealer Coat



STP Limited

Description

ShaliPrime[®] 2 E (Formerly known as ShaliPrime Epoxy HB / LB) is two component penetrative epoxy based primer is suitable for priming concrete / metal surfaces, including walls, prior to the application of any Epoxy Flooring, Epoxy Coating and Epoxy Repair Mortar.

Pigmented Version can be supplied on request

ShaliPrime[®] 2 E can also be used as a sealer coat.

Characteristics

Adhesion to concrete	Excellent	Pot Life, Minutes @ 30 °C, hrs	8
Theoretical Coverage, m ² / L *	8	Temperature resistant, °C	120
DFT, Micron	40 - 60	Volume Solid, %	50
Drying time, 30 °C, hrs		Moisture Insensitivity	Very Good
• Touch dry	1	Application Temperature, °C	10 – 40
• Hard dry	7	Flash Point	38 °C
Over coating, hrs, minimum	4		

* Depending upon surface condition.

Application

- Used as primer on concrete / metal surface prior to the application of base coat / floor toppings like ShaliFloor 3 ES, ShaliFix EM, ShaliFloor SLTC 3 PU.

Advantages

- Applied even on damp surfaces between 8 – 10% moisture.
- Facilitates better bonding. of Epoxy Floor Topping, Epoxy Screed and Epoxy Mortars with the substrate.
- Prevents air release from the porous substrate, which may otherwise cause bubbles in the final epoxy topping later.
- Seals porous surface to give quality finish.

Application Methodology

➤ Surface Preparation

- 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.
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- For best bond, concrete surface must be slightly textured.
- Allow it to dry before priming.
- Ensure that concrete must be cured at least 28 days.

➤ Material Preparation

- Mix **ShaliPrime[®] 2 E** component A (Resin) & B (Hardener) thoroughly by using speed drill mixer with a spiral type blade at the bottom of stirrer rod. The speed may be 1000 rpm till homogeneous mix is obtained. Then add component B (Resin) slowly, ensuring complete dispersion.
- After stirring, wait for the product to settle in order to let entrapped air escape.

➤ Application of Material

- Apply **ShaliPrime® 2 E** by brush / roller on primed surface.
- On porous surface **ShaliPrime® 2 E** will be absorbed very quickly, leaving characteristic light coloured dry patches. In such cases it is recommended that a second priming coat be applied on 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.
- Ensure primed surface is tacky before application. However, in case of self-leveling system or epoxy coating, ensure that **ShaliPrime 2 E** is allowed to dry for 6 - 8 hours or left overnight for drying.

Limitations

- Do not apply **ShaliPrime® 2 E** 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® 2 E** 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

- Avoid swallowing and contact with skin / eyes.
- In the unlikely event of contact with skin, rinse with plenty of clean water and then cleanse with soap and water. Do not use solvent to clean the contacted area.
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- If swallowed, seek medical attention immediately. Do not induce vomiting.
- Ensure adequate ventilation and avoid inhalation of vapours.
- Wear suitable protective clothing, gloves and eye protection during application.

Packing

Available in 6 Kg unit pack consist of Comp. A - 4 kg and Comp B - 2 Kg.

Storage

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

Shelf Life

12 months in original unopened sealed condition.





STP Limited
Enhancing Structures' Life

Product Range

- Waterproofing & Insulation ■ Road Surfacing
- Sealants & Adhesives ■ Pipeline Coatings
- Protective/Anti-Corrosion Coatings ■ Epoxy and Flooring
- Grouts and Admixtures (GARA)
- RestoFix - Repair/Rehabilitation ■ Other Construction Chemicals



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