

ShaliPrime CT

2K Coal Tar Epoxy Primer for Concrete / Metal Surfaces



STP Limited

Description

ShaliPrime CT is suitable for priming concrete / metal surfaces prior to the application of any coal tar based epoxy floorings / coatings. **ShaliPrime CT** has good penetrative properties and is suitable for wall priming prior to plastering, particularly in basement, to prevent dampness.

Characteristics

Adhesion to concrete	Excellent	Pot Life, hrs	4
Theoretical coverage, m ² /L	8 - 10	Application Temperature, °C	5 to 40
Mix Specific Gravity	1.15 - 1.25	Flash Point, °C	25
Mix viscosity, 25°C, cPs	50 - 100	Water absorption	Nil

Application

- Priming of concrete / metal surfaces prior to application of ShaliPoxy CTE LB / HB.
- Priming of interior side of basement walls prior to plastering to prevent dampness.

Advantages

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

Application Methodology

- Remove dust, flakes, or other foreign particles by jet or dry air and clean the surface mechanically or by grinding to make it smooth before application.
- Remove oil / grease etc by acid etching or by burning. Clean the surface of all dust / loose particles. A thorough detergent wash is also recommended followed by thorough cleaning with clean water and mopping it off to a dry state.
- Allow the surface to dry.
- Ensure that concrete surface is at least 28 days old or have moisture content of less than 5% before proceeding with epoxy application.
- Add the entire contents of the Component B to Component A at the ratio 4 : 1 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, apply the primer by using a stiff brush / roller / spray immediately in a thin continuous film on the cleaned prepared surface. Avoid excess application / paddling.
- On porous surface **ShaliPrime CT** 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.
- Allow it to dry for 6 – 8 hrs

Limitations

- Do not apply **ShaliPrime CT**
 - On surfaces known to, or likely to, suffer from rising dampness, potential osmosis problems or having relative humidity greater than 75 %.
 - 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 contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapour.
- Wear suitable protective clothing, gloves and eye protection.
- In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of eye contact, wash with plenty of clean water and seek medical advice.
- If swallowed, seek medical attention immediately. Do not induce vomiting.

Packing

Available in 20 L - 16 L Comp - A and 4 L Comp – B.

Storage

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

Shelf Life

12 months in original unopened sealed condition.



STP Limited
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