

DECK PRIME EP

High performance Epoxy Primer



Introduction

Deck Prime EP is an epoxy based two component, low viscosity, transparent primer for concrete surface. It is best suited for enhancing the bonding between polyurethane/ polyurea based liquid applied waterproofing membrane and concrete surface. Deck Prime EP is extremely resistant to water or any other chemical degradation thus provides durable bonding for the waterproofing membrane.

Key Features

- Low volatile organic content
- Fast curing
- Excellent adhesion with concrete, brick and natural stone
- Low mix viscosity
- Resistant to hydrolysis and chemical attack
- Optimum pot life
- Transparent in colour

Technical Data

| | |
|----------------|---------------------------|
| Mixing ratio | 70:30::A:B by weight |
| Pot life | 20 -30 min |
| Tack free time | 3-4 hours |
| Cure time | 24 hours |
| Bond strength | >3 MPa (concrete failure) |
| Coverage | 200-300 g/sq.m. |

Application Procedure

1. Make sure the surface is free from debris, deshuttering oil, laitance, paint, grease etc. The moisture content in the concrete must be less than 5%.
2. Grind the concrete surface properly using hand held grinder machine or concrete polishing machine (for larger areas). Remove dust using vacuum system or air blower.
3. Take a clean and dry container of suitable size. Open part A and part B container and empty completely them in the container. For part mixing, weigh both the components precisely in the recommended proportion. Mix it using a low RPM (300-400) stirrer for 1-2 min.

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4. Apply the primer on the prepared surface using clean brush/ roller. The surface may absorb the primer initially thus apply again if it looks necessary.
5. For enhanced bonding with fleece reinforced liquid applied membrane lightly sprinkle quartz aggregate of particle size 1-2 mm while the primer is tacky.
6. Allow the primer coat to cure for 3-4 hours before further application.

Packaging

Deck Prime EP Part A - 3.5 Kg in Tin can

Deck Prime EP Part B - 1.5 Kg in Tin can

Storage

Store in the original container with the lid closed appropriately. Avoid extreme temperatures and direct exposure to sunlight. Keep in cool, dry and under shed. Deck Prime EP performs well for at least 6 months from the date of manufacture if stored following aforesaid method.

Health and Safety

Kindly wear hand gloves and safety goggles while handling the product. Any contact with eyes should be washed immediately with clean water and seek medical advice. Do not swallow. Avoid contact with food or cooking utensils and keep away from children's reach. If splashed on to cloth or any other fabric, wash immediately otherwise it may leave permanent stain.

Product Disclaimer

This product is manufactured with utmost care and precautions using best available materials, techniques and keeping in view the end use and assured performance. However, no specific guarantee can be given since the application of the product (prevailing site and environmental conditions while applying etc.) is beyond our control. We therefore welcome consultation in the event of doubt about application performance.