

DECK REPAIR EP

High Strength Epoxy Repair Mortar

INTRODUCTION

Deck Repair EP is high strength epoxy repair mortar. It can be used to repair concrete cracks, voids, honeycombs, broken edge and smoothening of concrete surface undulations. Deck Repair EP is best suited when high early strength of the repair mortar is required and the repair job has to be water/ moisture free.

KEY FEATURES

- 100 % solid system – no volatile content
- Fast curing and high early strength
- Excellent adhesion with steel, concrete and stone surface.
- Easy application

TECHNICAL DATA

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| Mixing ratio | Deck Repair EP Part A – 1 Kg Deck Repair EP Part B – 0.5 Kg Deck Repair Aggregate – 9 Kg |
| Pot life | 30 –40 min |
| Touch dry time | 3-4 hours |
| Full cure time | 7 days |
| Bond strength | > 3 N/mm ² |

APPLICATION PROCEDURE

1. Make sure the surface is free from debris, oil, laitance, paint, grease etc.
2. Grind the concrete surface properly using hand held grinder machine. Remove dust using vacuum system or air blower.
3. Apply Deck Prime EP on the cleaned surface and allow it to cure. Please refer Deck Prime EP Technical Datasheet for details regarding its application procedure.
4. Take a clean and dry container and add Deck Repair EP part A and B in the ratio 100:50 by weight. Mix it using low RPM hand held stirrer. Add part C slowly while mixing. Keep the ratio between aggregate and binder such that repair mortar consistence can be achieved. Typically for 1.5 Kg of binder mix approximately 9 Kg of Deck Repair EP Aggregate is required.
5. Apply the mortar on the well primed surface and allow it to cure for 24 hours.

PACKAGING

Deck Repair EP Part - A – 1 Kg bottle
Deck Repair EP Part - B – 0.5 Kg bottle
Deck Repair EP Aggregate – 25 Kg bag

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 Repair EP performs well for at least 6 months from the date of manufacture if stored following aforesaid method.

HEALTH & 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.