

# DECK TILE EP

## Epoxy based adhesive for Ceramic Tiles and Stone Material

### INTRODUCTION

Deck Tile EP is an epoxy based, 100% solid, thixotropic adhesive designed for fixing ceramic tiles or stone material on all substrates normally used in construction industry. It utilizes the power of nanotechnology to provide a slip free easy to fix tile application procedure. It is well suited for areas like fountains, swimming pools where efflorescence is a prominent problem.

### Key Features

- Thixotropic mix, no slip for tile while fixing
- Excellent bond strength with most construction substrate
- Flexible as compared to cementitious tile adhesives
- Helps to avoid efflorescence
- Easy mixing and smooth application
- Excellent durability and resistance to aging

### TECHNICAL DATA

Solid Content	100	%
Mixing ratio	2:1	A:B by wt.
Colour	White	Part A
	Black	Part B
	Grey	A and B Mix
Pot life	30	Min @ 25°C
Application temperature	10 to 30	°C
Adjustment time	10-15	Min
Full cure time	2	Days
Shear adhesion strength	>5	N/mm <sup>2</sup>
Coverage (for 2 mm thickness)	3	Kg/ sq.m.

### APPLICATION PROCEDURE

#### Surface preparation

1. Surfaces should be structurally sound, clean and free from loose material, dust, dirt, oil, grease, wax, loose paint, mildew, rust or efflorescence.
2. The moisture content in the substrate must be less than 5%.

#### Mixing

3. Open Part B and empty completely in to Part A container. Mix it well using hand held low RPM (300-400) helical stirrer for 2-3 min.
4. Make sure the mix colour is grey and uniform with

no white or black streaks.

5. If part mixing is required, mix proportionally as recommended.

### Application

6. Apply the mix using notched trowel uniformly.
  7. Place the tile gently at the place and press it uniformly. Allow the adhesive to cure.
- 8. NOTE: Do not adjust tile position after 10 min of tile application.**

### COVERAGE

1.5 Kg per m<sup>2</sup> per mm thickness of adhesive. This coverage will vary depending upon the surface roughness.

### PACKAGING

5 Kg. Pails

### 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. Shelf life is 12 months from the date of manufacturing 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.*