

# DECK TILE EP

## Epoxy based adhesive for Tiles and Stones

### INTRODUCTION

Deck Tile EP is an epoxy based, 100% solid, thixotropic adhesive designed for fixing tiles and stones on all types of substrates normally used in construction industry. It utilizes the power of nanotechnology to provide no vertical slip even with large format tiles. Deck Tile EP is highly recommended for areas like fountains, swimming pools where efflorescence is a prominent problem

### KEY FEATURES

- Thixotropic mix, no vertical slip
- Excellent bond strength with all construction substrates
- Helps to avoid efflorescence which is common with cement-based adhesives
- Easy mixing and smooth application
- Excellent durability and resistance to aging

### TECHNICAL DATA

Solid Content	100%
Mixing ratio	2:1 (Part A: Part B) by wt.
Colour	Part A: White Part B: Black
	A and B mix: Grey
Pot life	45 mins @ 25°C
Application temperature	10 to 30°C
Adjustment time	10-15 mins
Full cure time	2 hours
Shear adhesion strength	>5 N/mm <sup>2</sup>

### 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

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

with no white or black streaks. If part mixing is required, mix proportionally as recommended.

### Application

1. Apply the mix using notched trowel uniformly.
2. Place the tile gently at the place and press it uniformly. Allow the adhesive to cure.
3. **NOTE: The tile position must be adjusted and fixed within 10 minutes of the application of adhesive bed. 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 (Part A 3.3 kg and Part B 1.7 kg)

### 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 6 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.

### 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.*