

# ShaliFix® 3EP

3K Non-Shrink Epoxy Putty



## Description

**ShaliFix® 3EP** (formerly known as ShaliFix EP) is a three component, non-shrink, epoxy based, putty for repair made of resin, hardener and some special filler.

## Characteristics - Physical

Form	Grey Paste	Density, kg / L	1.65
Mix Ratio	0.24 : 0.14 : 0.62	Pot Life, hrs. @ 30°C	2

## Characteristics - Technical

Property	Method	Result
Tensile Strength, MPa, 1 day	ASTM D 638	> 12
Compressive strength, MPa, 1 day	ASTM C 579	> 18
Slant Shear Strength, MPa, 3 days	ASTM C 882	> 12.5
Bond strength on Dry Concrete, MPa, 3 days	ASTM 4541	> 2.5

## Application

- Sealing of crack for concrete, metal and wooden surface.
- Protection of concrete, steel, marine structure as protective coating.
- Making up undulations of concrete surface before coating.

## Advantages

- Non-Shrink.
- Excellent impact resistance.
- Good mechanical properties.
- Good bonding properties with concrete, Kota stone, steel etc.

## Application Methodology

- **Surface Preparation**
  - Ensure that concrete should be at least 28 days old.
  - Ensure that surface is sound and free from dust, laitance and other contaminants
  - Remove any oil, grease etc. by acid etching or by burning.
  - Ensure that the surface is dry.
- **Material Preparation**
  - Mix Comp A, B & C in the ratio of 0.24 : 0.14 : 0.62 ratio by weight.
  - Mix thoroughly till the colour of the mix is uniform.
  - Mix only that quantity which can be applied within the pot life of the mixed material.
- **Application of Material**
  - Apply **ShaliFix® 3EP** on the prepared surface by spatula / trowel.

## 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 4 kg x 20 nos. pack

## Storage

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

## Shelf Life

12 months in original unopened sealed conditions.



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*Enhancing Structures' Life*

### Product Range

- Waterproofing & Insulation    ■ Road Surfacing
- Sealants & Adhesives    ■ Pipeline Coatings
- Protective/Anti-Corrosion Coatings    ■ Epoxy and Flooring
- Grouts and Admixtures (GARA)
- RestoFix - Repair/Rehabilitation    ■ Other Construction Chemicals



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