

## White Sand EPF 50

Epoxy resin-based Fairing Coat and Blow-hole Filler

### Description

White Sand EPF 50 is a two-component solvent-free epoxy-based fairing coat and blow-hole filler. Specially formulated to meet mechanical stress in a wide range of service temperatures from 25°C to 60°C.

### Uses and Key Functions

- Filling blowholes.
- Eliminating minor irregularities prior to epoxy coating or lining.
- Fairing slightly damaged concrete.
- For repair of structures that will be permanently submerged in water.
- As an adhesive for bonding pre-fabricated concrete segments.

### Features and Advantages

- Chemical resistant.
- Excellent bonding to concrete and GRC surfaces.
- Non-sag can be applied to vertical surfaces and troweled into blowholes.
- Cures and hardens without shrinkage.
- Can be applied from feather edge to 8 mm.
- Smooth paste-like consistency.
- Suitable for use in hot climates.

### Product Technical Data

Type	Solvent-free epoxy-based putty
Solid Content	100 %
Mixing Ratio	Factory proportioned
Recommended wet film thickness	Feather edge – 8.0 mm
Pot Life	60 minutes (at 23 C)
Cure Time: Dry to touch Over Coating Time	8 - 10 hours 8 – 36 hours
Full Cure	7 days (at 23 C)

# WHITE SAND

Construction Chemicals

Construct your dream !

## Directions for Use

### Substrate Preparation

All surfaces to receive White Sand EPF 50 should be structurally sound, dry, clean and free of surface contaminants. Proper surface preparation is an extremely important factor in the immediate and long-term successful performance of applied White Sand EPF 50 and the subsequent epoxy coating. Oil and grease deposits should be removed by steam cleaning, detergent scrubbing or the use of proprietary degreaser.

The surface should preferably be prepared using high-pressure water jetting or light abrasive blasting, followed by thorough washing to remove dust and remaining particles.

Steel substrates should be properly grit blasted.

### Mixing

Pour the entire content of the hardener container into the base container (the base container is oversized to allow for easy mixing). Mix thoroughly with a low speed jiffy blade for 3 minutes until the material becomes uniform and even in color. To ensure proper system cure and performance, do not mix part packs and do not add solvent at any stage, as this will prevent proper cure.

### Application

To produce smooth even finish, White Sand EPF 50 can be applied with a variety of tools such as trowel, scrapper, or filling knife.

After mixing, material can be taken directly from the can, or subdivided into spot boards for individual applicators. When White Sand EPF 50 is used as a fairing coat, it can be overcoated with protective and flooring epoxy-based coating.

Any ridges left by the trowel can be brushed out while the material is still wet, or ground down with a carborundum stone before overcoating.

As an adhesive for bonding pre-cast concrete segments, apply White Sand EPF 50 to one or both of the surfaces.

### Cleaning

Tools and mixing equipment should be cleaned with WHITE SAND Solv 10 before the material has hardened.

Set material can only be removed mechanically.

### Packaging

4.0 Liters packs.

### Coverage

4.0 liters pack of White Sand EPF 50 covers 4.0 m<sup>2</sup> in one layer of 1 mm thickness.

This is an approximate spread rate given for estimating purpose only.

### Storage and Shelf Life

White Sand EPF 50 components have a minimum shelf life of 12 months when stored in dry warehouse conditions, in unopened and undamaged original packaging. If stored in high temperatures, and/or high humidity conditions, the shelf life may be reduced.

### Health and Safety

The two components of White Sand EPF 50 are non-flammable materials

White Sand EPF 50 should not come in contact with skin or eyes. Avoid prolonged inhalation of vapors. Some people are sensitive to epoxy resin, hardeners, and solvents. Gloves, goggles and barrier cream should therefore be used.

Ensure adequate ventilation, and if work in enclosed areas, suitable breathing apparatus is recommended.

If mixed material comes in contact with skin, it must be removed before it hardens with a resin removing cream or with soap and water. Do not use solvent. For prolonged irritation, seek medical advice.

In case of accidental eye contamination, wash well with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately. Do not induce vomiting.

Do not dispose the material into water or soil. For the sound and valid disposal, consult and follow the related local regulations

### White Sand Product Quality

Ensuring the achievement of customers' requirements and conformance to national and international standards, all WHITE SAND products are developed and manufactured under the base of a highly quality-oriented Product Development processes, and an independently standardized Quality Management System.

### Technical Support

WHITE SAND provides technical support to its customers, consultations and technical guidance and assistance in many different applications of construction chemicals, tile adhesive and tile grouts selection, concrete repair, and surface preparation and treatments.

### Additional White Sand Products

- Surface Treatments and Primers.
- Admixtures for Concrete.
- Cement Modifiers for Mortars.
- Adhesives and Tiling Systems.
- Concrete Repair Compounds.
- Waterproofing Materials.
- Protective Coatings and Linings.
- Industrial Flooring Systems.
- Plasters and Finishing Materials.

#### Disclaimer

The information given here is based on the best of our knowledge, good faith, experience and laboratory based results and therefore the results will vary depending on the real time application. Also, the values indicated in this Data Sheet here are subject to  $\pm 10\%$  variance due to multiple factors. The performance of our Product depends on the workmanship/quality of application job at the site. Hence White Sand Company for Industry is not responsible for any sort of claims/disputes arising out of any negative results by using our ranges of products. White Sand Company for Industry is not held responsible for use of this product for applications other than specified and/or adopting any faulty application/curing methodologies. It is the user's responsibility to have through this Technical Data Sheet prior to applying our products and to ensure with White Sand Company for Industry that any product information is still prevailing at the time of application. Also the user must be sure that the product is suitable for the use intended and also applied it as specified while taking care of all precautionary measures. While all the products comply with the properties shown on current technical data sheets/brochures, White Sand Company for Industry does not warrant or guarantee the products' performance as it doesn't have any control over factors adopted during its actual application.

