

## Technical Data Sheet

### White Sand Epoxy Prime EP 10

#### Solvent-free Epoxy-Floor Primer

#### Product Description

White Sand EP 10 is two-component, solvent-free, low viscosity epoxy resin-based primer.

Designed as a high-performance primer for use in conjunction with epoxy-based systems, where optimum substrate sealing and maximum adhesion to the substrate is essential.

#### Uses and Key Functions

Sealing primer used prior to the application of flooring and coating materials, to ensure good adhesion and defect-free final surface.

#### Features and Advantages

- High bond strength, ensure optimum bond to a wide variety of substrates.
- Excellent mechanical properties.
- Easy Application.
- Solvent-free system.

#### Product Technical Data

Type	Epoxy-based solvent-free primer
Mix Ratio	Factory proportioned
Solid Content	100 %
Pot Life	60 minutes (at 25 C)
Dry to touch	8 – 10 hours (at 25 C)
Open Time	4 – 10 hours
Full Cure	7 days (at 25 C)
Coverage	10 m <sup>2</sup> /liter approx.

#### Directions for Use

##### Substrate Preparation

All surfaces to receive White Sand EP 10 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 epoxy system.

New concrete floors must be at least 4 weeks old and have a moisture content not more than 5%.

#### 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 consistency.

To ensure proper system cure and performance, avoid to mix part packs, and do not add solvent at any stage.

Note: Increase in temperature will decrease pot life, as will leave mixing material in a large mass. Spread out material in a thin layer as soon as possible after mixing.

#### Application

Apply the mixed White Sand EP 10 uniformly to the prepared substrate using nylon bristle brush or short nap roller, at a spread rate of about 20 m<sup>2</sup>/liter. Take care not to puddle the material, and ensure even coverage.

Note: material left in the pail will generate heat and have a reduced pot life.

Once primer has become tacky to the touch, proceed to installation of epoxy flooring system, or repair system.

Note: primed surface should be recoated within the open of the primer.

#### Packaging

15 liters ( A+B) Kit.

#### Coverage

15 liters pack of White Sand EP 10 cover 150 m<sup>2</sup> in a single coat. This is an approximate spread rate given for estimating purpose only.

#### Shelf Life and Storage

White Sand EP 10 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.

#### Substrate Preparation

White Sand EP 10 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.

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#### 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 highly quality-oriented Product Development processes, and an independently standardized Quality Management System.

#### Technical Support

WHITE SAND assists its customers and gives site support, consultations, and technical advice on concrete repair, surface preparation and treatment, tile adhesive and tile grout selection, and tile installation techniques.

#### Additional White Sand Products

WHITE SAND produces a wide range of high-quality construction chemicals and specialty products including following product groups:

- Adhesives and Tiling Systems
- Waterproofing and Protective Coating Systems
- Concrete Repair & Restoration Systems
- Finishing & Paints Systems
- Admixtures for Mortar and Concrete
- Surface Treatments and Primers
- Industrial Flooring Systems
- Engineering Grouts and Anchoring Systems
- Resinous Protective Coating and Lining Systems

#### 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.



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