

Technical Data Sheet

White Sand Prime EP20

Multipurpose Solvent-containing Epoxy Primer

Product Description

White Sand Prime EP20 two-component, solvent-containing, low viscosity epoxy resin-based primer, used as a primer for concrete surfaces. It is commonly utilized as part of complete system in conjunction of other WHITE SAND products.

Features and Advantages

- Easy Application.
- Multipurpose Functions.
- Low viscosity.
- Excellent bond strength.
- Good penetration.

Uses and Key Functions

Used for priming normal to strong absorbent concrete substrates.

Product Working Properties

Type	Epoxy-based solvent containing primer
Mix Ratio	Factory proportioned
Pot Life	50 % (volume)
Solid Content	40 minutes (at 23 C)
Dry to touch	4 – 10 hours (at 23 C)
Open Time	4 – 16 hours
Full Cure	7 days (at 23 C)
Coverage	15 m ² /liter approx

Directions for Use

Substrate Preparation

All surfaces to receive White Sand Prime EP20 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 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.

Application

Apply the mixed White Sand Prime EP20 uniformly to the prepared substrate using brush or lambs-wool roller or squeegee, at a spread rate of about 15 m²/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, or repair system.

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

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Packaging

4.0 liters pack.

Coverage

4.0 liters pack of White Sand Prime EP20 cover 60 m² in a single coat.

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

Storage and Shelf Life

White Sand Prime EP20 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.

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Safety Precautions

The two components of White Sand Prime EP20 are flammable material. Do not expose to naked flames or other sources of ignition. Containers should be tightly sealed when not in use. In the event of fire, extinguish with carbon dioxide or foam.

White Sand Prime EP20 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 a highly quality-oriented Product Development processes, and an independently standardized Quality Management System.

Technical Support

WHITE SAND provides assistance to 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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