

WHITE SAND EP150

High-built, Solvent-free, Epoxy-based Waterproofing Coating

Description

WHITE SAND EP150 is a two-component high-built epoxy-based corrosion protection and lining.

WHITE SAND EP150 is moisture-tolerant, solvent-free, and cures to give a hard, smooth coating with excellent water resistance and long-term durability.

WHITE SAND EP150 is supplied in pre-measured quantities ready for use as lining, waterproofing, and protection to concrete and steel structures in aggressive immersion conditions.

Uses and Key Functions

- Potable water retaining structures.
- Silos and reservoirs of foodstuffs.
- Water treatment stations.
- Food processing plants.

Features and Advantages

- High-built applications properties.
- Excellent abrasion resistance.
- Available in many colors.
- Self-priming.
- Smooth, and easy to clean.

Product Working Properties

Type	Solvent-free epoxy-based coating
Color	Blue, and white
Solid Content	100 %
Mixing Ratio	Factory proportioned
Recommended film thickness	2 coats, 200 microns each
Pot Life	1 hour
Cure Time: Dry to touch	6 - 8 hours
Recoat	8 – 24 hours
Full Cure	7 days
Coverage	5 m2/liter at 200 microns



Construction Chemicals

Construct your dream !

Directions for Use

Substrate Preparation

All concrete surfaces to receive WHITE SAND EP150 should be grit blasted to remove all foreign materials and provide a suitable key for WHITE SAND EP150 .

Blow holes and surface imperfections should be filled WHITE SAND Repair System.

Steel substrates should be grit blasted, followed by the application of one coat of relevant primer.

Mixing

It is important to remember that this coating has a limited pot life. Therefore, it is recommended to check and make sure that everything is in order before starting the mixing sequence.

Mixing of WHITE SAND EP150 should be carried out with full packs only.

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 until completely blended. This will take about 2 to 3 minutes. Be careful not to introduce air bubbles while mixing. Make sure the contents are completely mixed to avoid any weak or partially cured spots in the coating. During the mixing operation, scrap down the sides and bottom of the container with a flat or straight edge trowel at least once to ensure complete mixing. Mix only that quantity that can be used within the pot life.

Application

Apply the mixed WHITE SAND EP150 uniformly to the prepared surface using a short-napped mohair roller at spread rate of 5 m²/liter to yield 200 microns thickness. Take care not to buddle materials, and ensure even coverage. Allow to cure 24 hours minimum before opening to traffic.

Note: epoxy materials will appear to be cured and dry-to-touch prior to full chemical cross-linking. Allow epoxy to cure 5 – 7 days prior to exposure to water or other chemical for best performance.

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

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 pack.

Coverage

4.0 liters pack of WHITE SAND EP150 covers 20 m² in one coat of 200 microns.

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

Storage and Shelf Life

WHITE SAND EP150 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 EP150 are non-flammable materials

WHITE SAND EP150 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.



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