

WHITE SAND EP250

Solvent-containing, High-solids, Tar-extended, Epoxy-based Coating

Description

WHITE SAND EP250 is a tar extended, two components, high solid epoxy coating.

Containing inert, reinforcing fillers and special blend of solvents. It is supplied in pre-measured quantities ready for site mixing for use.

WHITE SAND EP250 gives excellent adhesion and waterproofing protection of concrete, and steel exposed to corrosive atmosphere.

Uses and Key Functions

- Storage tanks.
- Pipelines (interior and exterior).
- Processing equipment.
- Tidal zone areas (fresh and salt water).
- Sewage tanks.

Features and Advantages

- Impact resistant.
- Chemical resistant.
- Abrasion resistant.
- Resistant to dimensional changes.
- Easy to apply by brush or roller.

Product Working Properties

Type	Solvent-containing cool tar epoxy coating
Color	Black
Solid Content	70 %
Mixing Ratio	Factory proportioned
Recommended wet film thickness (WFT)	2 coats of 150 microns
Pot Life	2 hours (at 23 C)
Cure Time: Dry to touch	6 - 7 hours (at 23 C)
Recoat	1 – 2 days (at 23 C)
Full Cure	7 days (at 23 C)
Coverage	3.0 – 3.5 m2/liter

Directions for Use

Substrate Preparation

All surfaces to receive WHITE SAND EP250 should be structurally sound, flat, 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 EP250 .

Concrete must be at least 4 weeks old and has moisture content of not more than 5%.

Steel substrates should be properly grit blasted.

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 EP250 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 blade for 3 minutes until the material becomes uniform and even in color.

Be careful not to introduce any air bubbles while mixing.

Make sure that 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.

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

Application

Apply the mixed WHITE SAND EP250 uniformly to the prepared surface using a short-napped mohair roller at a spread rate of 1.7 m²/liter to yield 150 microns thickness.

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.

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 EP250 covers 12 m² in two coat of 300 microns.

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

Storage and Shelf Life

WHITE SAND EP250 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 EP250 are non-flammable materials

WHITE SAND EP250 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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