

White Sand EPO Grout

Chemical-resistant, Waterproof, Solvent-free, Epoxy-based Tile Grout

Description

White Sand EPO Grout is a three-component epoxy-based, moisture-insensitive, chemical resistant, and waterproofing tile grout used with most types of tiles, including ceramic, porcelain, glass mosaic, marble, granite, etc. The product is composed of 3 components consisting of a resin base, hardener, and selected fillers.

Uses and Key Functions

Filling tile joints of virtually all types of tiles up to 10 mm

- Chemical processing plants and pharmaceutical plants
- Industrial Kitchens, food plants, and hospitals
- Swimming pools and aquariums
- Hospitals and clinics.
- Public toilets.
- Commercial laundries and kitchens.

Features and Advantages

- High chemical resistant.
- High bond strength.
- High strength.
- No sagging in vertical joints.
- Non-staining.
- For both wall and floor applications.
- Suitable for both internal and external applications.
- Excellent mechanical and physical properties.

Product Working Properties

Type	Solvent-free epoxy-based tile grout
Solid Content	100 %
Mixing Ratio	Factory proportioned
Specific Gravity	2.0
Application Thickness	2.0 – 10.0 mm
Pot Life	1 hour
Initial Set Time	24 hours (at 23 C) 16 hours (at 35 C)
Full Cure	7 days (at 23 C)
Compressive Strength (ASTM C579)	≥ 50 MPa
Tensile Strength (ASTM C307)	≥ 14 MPa
Minimum Application Temperature	12 C

WHITE SAND

Construction Chemicals

Construct your dream !

Directions for Use

Substrate Preparation

Joints to be grouted should be clean and free from any dust or debris.

Mixing

Mixing of White Sand EPO Grout should be carried out with full packs only

Pour the entire content of the hardener container into the base container and mix thoroughly with a mortar stirrer attached to slow speed drill for about half a minute. Pour all the mixed liquid into a container then gradually add the filler bag during mixing, when the filler has been added, mix for a further 2 minutes until an even color is achieved.

Application

Apply the mixed White Sand EPO Grout with a spatula to the spaces between the tiles, working the mixture into the joints and around the edges.

Remove surplus material from the face of the tiles with a dry cloth, it may be necessary to use small quantities of WHITE Sand Solv10 to assist in the cleaning process.

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

8.0 Liters pack

Storage and Shelf Life

White Sand EPO Grout has 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 three components of White Sand EPO Grout are non-flammable materials.

White Sand EPO Grout 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

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

- 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.

