

White Sand SEAL JF

Flexible Cementitious Jointing Filling Compound

Product Description

White Sand SEAL JF is a pre-weighed two component, polymer-modified cementitious joint and crack filling compound for concrete and masonry.

White Sand SEAL JF is formulated to provide a readily paste material which can be easily applied across all types of construction joints and provide excellent durability and water resistance.

White Sand SEAL JF is designed for joints from 3 – 15 mm wide, and can be used in interior and exterior applications.

Features and Advantages

- Ability to accommodate dimensional changes.
- Highly durable.
- Water resistant.
- Available in many special colors.
- Ideal for hot climate conditions.

Uses and Key Functions

- Precast concrete joints.
- Façade tile joints.
- Dynamic floor joints.
- Joints in gypsum boards.
- Joints in natural stones.

Product Performance Properties

Mixing Type	Polymer-modified cementitious joint filler
Appearance	Smooth mastic
Mixing Ratio	Factory Proportioned
Mixed Density	1.6 kg/l≈
Pot Life	60 minutes
Initial Set	36 hours (at 23 C)
Final Cure	10 days (at 23 C)

Directions for Use

Joint Preparation

All surfaces must be clean, dry and free from any loose particles, grease or oils.

Correct joint design should be followed. To use economical quantity of sealant, width: depth ratio should be maintained at 2: 1.

In case of façade tile joints, tiles should be securely fixed and that the adhesive has thoroughly dried before applying any load or pressure to the tiled surface. Ensure that all joints are raked clear of any excess adhesive residues to allow an even and consistent depth of grout to be applied in all areas.

Natural stone and un-glazed tiles are likely to absorption of grout fines and hence prone to surface discoloration. Therefore, apply mixed grout to spare tile to determine whether staining is likely.

And consult the tile manufacturer as to whether they recommend a suitable sealing compound to protect the surface.

Mixing

White Sand SEAL JF powder part should be added slowly to the liquid part during the mixing process which should be carried out using a mixing paddle attached to a slow speed electric drill.

Mixing process should remain for at least 2 minutes until the material becomes smooth in consistency, even in color and free from lumps.

Application

Do not apply White Sand SEAL JF when the temperature is more than 40 C, or when it is below 10 C or is expected to fall below 10 C within 24 hours.

In order to achieve good adhesion, prime the joint edges with a single coat of relevant WHITE SAND Primer System. Remove all free-standing water before application of the primer. Whilst the primer coat is still wet, apply White Sand SEAL JF in the joint with a putty knife or a pointing gun which can be charged by using a plastic bag. Overfill the joint by White Sand SEAL JF to compensate for shrinkage during curing process. Finish immediately after application with a soapy solution to give a smooth appearance if required.

Curing

Clean all tools immediately after job finishing with water.

Hardened material will need to be removed mechanically.

Packaging

White Sand SEAL JF (powder): 20 kg paper bags.

White Sand SEAL JF (liquid): 8 liters barrels.

Storage and Shelf Life

The two components of White Sand SEAL JF h a minimum 12 months shelf life when stored in dry, shaded place.

In unopened, undamaged original packaging. And away from direct sunlight in ambient temperature below 35 C.

Health and Safety

It is highly recommended to use suitable protective gloves and goggles during handling and application, and to avoid unnecessary direct contact of skin or eyes to the material.
Accidental contact of White Sand SEAL JF to the skin should be washed off immediately with soap and clean water. Eye Irritation or Contact should be washed off immediately with copious amount of clean cold water.
For prolonged irritation, seek medical advice.
White Sand SEAL JF is a non-flammable and not classified as a hazardous material under current legislations.
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 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 manufactures a wide range of high-quality construction chemicals and specialty products Including the following product groups:

- Adhesives and Tiling Systems.
- Surface Treatments and Primers.
- Concrete Repairs and Grouts.
- Waterproofing Systems.
- Finishing Systems.
- Flooring Systems.
- Plasters and Renders.
- Cement Modifiers and Mortar Admixtures.
- Protective Coatings and Linings.

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.

