

Technical Data Sheet

WHITE SAND COAT FC

**Water-resistant Skim and Finishing Coat
for Interior Application**

Product Description

White Sand Coat FC is a polymer-modified cementitious dry mix smooth finishing coat. Formulated to be mixed with clean water to provide a high-performance smooth finish and leveling composite for internal applications. White Sand Coat FC is used to fill small voids and to level and smoothen the minor surface undulations on concrete, sand cement render, and various mineral backgrounds prior to the application of paints and coatings.

White Sand Coat FC composed of hydraulic binders, special graded fillers, polymeric materials, and special additives.

The formulation is carefully designed to enhance the durability and provide the most effective application and performance properties.

Advantages

- Good performance and filling properties.
- High Smoothness.
- Water resistant.
- High Bond Strength.
- Slump-free consistency, no sagging.
- Suitable for humid and dry conditions.
- Suitable for vertical and ceiling surfaces.
- Compatible with all kinds of decorative paints.
- Suitable for tropical and hot climate conditions.

Product Technical Data

Type	Pre-mixed cementitious powder
Color	White and Grey
Wet Density	8.0 – 9.0 liters of water / 25 kg bag
Mixing Ratio	≈ 1.50 ± 0.05 kg/l
Pot Life	1 hour
Set Time	24 hours
Application Thickness	Up to 3.0 mm on multiple layers application
Bond Strength at the thickness of 0.5 mm	≥ 0.5 MPa (after 28 days)

Directions for Use

Substrate Preparation

Surface to be leveled should be clean and sound and free from any residuals, such as mold oil, dust, a loose particles and other contaminants. All loosely adhering and projecting material on the wall should be removed with the help of wire brush, putty blade or emery stone. Apply clean potable water on the surface to be leveled to neutralize suction. A short time should elapse to allow free water to disperse before applying White Sand Coat FC. Areas that dry out fast or in high ambient temperatures, the surface should be wetted frequently. As a rule, ensure that the surface is damp before applying White Sand Finish Coat.

Mixing

For each bag (25 kg) of White Sand Coat FC, add about 8.0 – 9.0 liters of clean water. Powder should be added slowly to the water during mixing.

It is recommended to use a mixing paddle attached to low speed electric drill for at least 3 minutes until the material becomes smooth in consistency and lump-free.

Allow the material to saturate for about 5 minutes and remix before application.

Mixed material should be used within the pot life. Mix only quantities that can be applied within the pot life.

Hardened and set material should not be remixed or used.

Technical Data Sheet

WHITE SAND COAT FC

Water-resistant Skim and Finishing Coat for Interior Application

Application

The mixed White Sand Coat FC is applied onto prepared surface using painters putty knife.

Do not use a mason trowel.

Build up thickness in thin layers till all surface irregularities are covered.

Allow each coat to dry out before applying the next coat.

Final coat should be sanded using a fine graded sand paper.

Paint can be applied on White Sand Coat FC after it has completely dried out.

Curing

Curing is not generally required.

However, under high temperature conditions or strong wind, it is recommended to cure White Sand Coat FC by spraying the applied materials surface with water periodically for a minimum of 48 hours.

Cleaning

Clean all tools immediately after job finishing by water. Hardened material will need to be removed mechanically.

Yield/Coverage

About 1.0 – 1.3 kg/m²/1 mm thickness.

The above consumption quantities are approximate, and given for general guidance, and estimating purposes only. Actual consumption can vary and depends on the nature of the substrate, consistency used, method of application, and wastage.

Storage and Shelf Life

White Sand Coat FC has a minimum 12 months shelf life when stored in dry, shaded place, in the unopened, undamaged original bag.

And away from direct sunlight in ambient temperature below 35 C.

Packaging

25 kg paper bags.

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 Coat FC 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 Coat FC 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.

Technical Data Sheet

WHITE SAND COAT FC

Water-resistant Skim and Finishing Coat
for Interior Application

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 highly quality-oriented Product Development processes, and an independently standardized Quality Management System.

Technical Support

WHITE SAND assists 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.



White Sand Co. for Industry

Jeddah, Saudi Arabia

info@whitesand.sa

www.whitesand.sa

