

White Sand COLORED PLASTER

Portland cement based colored Render for Interior and Exterior Applications

Product Description

White Sand COLORED PLASTER is a dry-mix pre-blended, polymer-modified cementitious mortar formulated to be mixed with water to provide a high-performance colored plaster material.

White Sand COLORED PLASTER is formulated to be used as a thick colored plaster up to 10 mm over rigid cementitious substrates such as normal plaster.

White Sand COLORED PLASTER is designed to be worked over its surface to give various attractive decorative patterns.

It is easily applied, troweled and worked to a flat finish by sponge, float or trowel without any addition of water.

Advantages

- Ready to use dry-mix, only water is added
- Wide range of finishing textures.
- Excellent mechanical properties.
- High bond strength.
- Easy to apply and high durable.
- Suitable for hot climate conditions.

Product Performance Properties

Type	Pre-mixed cementitious powder
Color	Wide range attractive colors
Mixing Ratio	1.7 kg/l \approx
Wet Density	About 4.0 liters per 20 kg bag
Coverage (average)	1.4 m ² / 20 kg bag, at 4 mm coverage average \approx
Pot life	1 hour
Set time	24 hours
Compressive Strength	MPa (after 28 days) 2.5 \geq
Flexural Strength	MPa (after 28 days) 1.0 \geq

* Values are valid at ambient temperature of 23 C, and 55% Relative Humidity.

Directions for Use

Substrate Preparation

Surface to be levelled should be clean, sound and free from any residual mold oil, dust loose particles and other contaminations. All loosely adhering and projecting materials should be removed.

Ensure that the surface is damp before applying White Sand COLORED PLASTER.

Mixing

Consistency of the mixed product is dependent largely on the amount of mixing- water used.

Standard value is about 4.0 liters of water per 20 kg bag of White Sand COLORED PLASTER .

White Sand COLORED PLASTER must be added slowly to the water during the mixing process which should be carried out using a slow speed drill fitted with high shear mixing paddle.

Mixing should remain for at least 3 minutes until the material becomes homogeneous and even in consistency and color.

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

Hard and set mortar should not be re-mixed or used again.

Application

The mixed White Sand COLORED PLASTER is applied by traditional hand application by placing and compacting the mixed mortar onto the substrate surface using steel trowel in a thickness up to 10 mm applied in layers.

Trowel into place and allow the mortar to stiffen before the next lift

Finishing

Finish the applied mortar to match the surrounding area using wooden or plastic floats.

Do not use water during the finishing stage. Use only damp sponge if required.

Curing

Under normal conditions, keep the surface moist for 3 days after application to permit continuous hydration of the cementitious materials.

Under high temperature and dry conditions or strong wind, a periodically fine spray on the applied surface with water for additional 2 days is recommended.

Cleaning

Clean all tools immediately after job finishing by water.

Hardened material will need to be removed mechanically.

Packaging

20 kg paper bags.

Storage and Shelf Life

White Sand COLORED PLASTER has a minimum 12 months shelf life when stored in dry, shaded place.

In unopened, undamaged original bag. 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 COLORED PLASTER 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 COLORED PLASTER 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 produces a wide range of high-quality construction chemicals and specialty products Including 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.

