

Technical Data Sheet

White Sand Tile Grout

High-Quality Sanded Tile Grout

Product Description

WHITE SAND TILE GROUT is a high-quality cementitious polymer modified, durable, and wide range colored tile grout.

Consists of a carefully selected and blended mix of Portland cement, graded fillers, special additives and chemicals, and colorfast pigments.

To provide a superior grout that offers ease of workability and clean up, rapid cure and high compressive strength, low shrinkage and good bond strength and color stability and fastness.

Advantages

- Water resistant
- Suitable for dry and humid conditions.
- High color fastness.
- High resistance to Dirt pick-up
- Wide range of colors.
- Suitable for all kinds of tiles and natural stones.

Uses

WHITE SAND TILE GROUT is ideal for grouting all types of ceramic tile, terrazzo, mosaic, porcelain, and marble.

Standard compliance

WHITE SAND TILE GROUT complies with EN 13888, class CG2.

WHITE SAND TILE GROUT complies with ANSI A118.7

Product Performance Properties

Type	Pre-mixed cementitious tile grout
Color	White, and colored
Mixing Water	2.6 – 2.8 liters per 10 kg bag
Wet Density	≈ 1.8 kg/liter
Pot Life	60 minutes
Initial Set Time	4 hours
Final Set Time	24 hours
Application Thickness	Up to 3.0 mm
Compressive Strength (ASTM C109)	> 21 MPa (after 28 days)
Flexural Strength (ASTM C348)	> 7.0 MPa (after 28 days)
Shore "D" Hardness	≥ 55
Chloride Content	Nil
VOC Content	> 15 gm/liter

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

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Directions for Use

Substrate Preparation

Before applying any load or pressure to the tile surface, check that all tiles are securely fixed and that the adhesive has thoroughly dried.

Ensure that all joints are raked clear of any excess adhesive residues to allow an even and consistent depth of grout to be applied.

Natural stone and un-glazed tiles are likely to absorb the grout fines and hence prone to surface discoloration.

Therefore, apply mixed grout to a spare tile to determine whether staining is likely to occur.

Consult the tile manufacturers as to whether they recommend a suitable sealing compound to protect the surface.

Mixing

WHITE SAND TILE GROUT should be added to clean water in a clean container whilst mechanically mixing and stirring thoroughly to obtain a smooth, consistent, and easily workable mortar.

Use the recommended mixing water and do not add more water than is necessary as this may prolong drying and significantly reduce the compressive strength of the cured grout. Part-used grout should never be "freshened up" with later water additions, but should always be discarded once it appears to lose workability.

When grouting over a large area, ensure that all mixes are from the same batch and that a consistent and identical water addition is used for each mix.

Application

Apply WHITE SAND TILE GROUT using either a rubber blade, a grouting trowel, a rubber spatula, or a smooth sponge. Apply the mixed grout and firmly press into the tile joints to ensure filling all the gaps.

Then remove the excess material that remains on the tiles. After the initial drying of the grout, use a wet sponge to clean the tiles and remove all excess materials.

Ensure the full drying before cleaning the surface of the tiles using a dry cloth or dispensable cotton towels. Ensure not to rub the tile joints too deep during washing or drying.

Coverage

The estimation of total grout quantity (kg) required for a particular total area being tiled (in meters squared) will depend on:

- Tile size (height and width in mm)
- Joint depth or tile thickness (in mm)
- Size of spacers between your tiles or joint width (the gap between each tile in mm)
- Coverage ratio of the grout, which is equal to (1.5) for White Sand Tile Grout .
- Total area being tiled (in meters squared)
- To estimate the required quantity of grout, use the following calculation:

$$A \text{ (amount of grout (kg)/M}^2\text{)} = (\text{Tile Height (length)} + \text{Tile Width}) \times \text{Joint Width}$$

$$\text{Approximate total grout (kg) required} = A \times \text{Total area being tiled.}$$

*You should always add around 10% to the total estimated grout quantity for any spillages or wastage.

Storage and shelf life

White Sand Tile Grout has a minimum shelf life of 12 months when stored in dry warehouse conditions, in unopened and undamaged bags, in ambient temperature between 5 C to 35C.

Packaging

10 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 Tile Grout 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 Tile Grout 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.

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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 provides technical support to its customers, consultations and technical guidance and assistance in many different applications of construction chemicals, tile adhesives and tile grouts selection, concrete repair systems, and waterproofing systems.

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

