

White Sand Floor M10

Monolithic, Non-metallic Surface Hardener for Concrete Floors

Product Description

White Sand Floor M10 is a surface hardening compound for concrete floors. It is a pre-mixed ready to use powder, blended from cement, special aggregates of high wear and abrasion resistance, and special additives to improve workability and application properties.

White Sand Floor M10 is monolithically applied on the surface of fresh concrete to result a dense and non-porous surface with hard wearing and abrasion resistance characteristics.

Features and Advantages

- High abrasion and impact resistance.
- Resistance to petrol oil, oils, grease, and mineral solvents.
- Non-rusting, non-dusting, and easy to clean.
- Available in a range of colors.
- Suitable for wet areas.

Uses and Key functions

- Warehouse, factory, and workshop floors.
- Loading bays.
- Car park floors.
- Power station floors.
- Heavy traffic floors.

Product Technical Data

Appearance	Pre-mixed cementitious powder
Abrasion Resistance	≥ 400 %
Compressive Strength	≥ 60 MPa

Directions for Use

Substrate Preparation

Once the freshly poured and leveled concrete has reached its plastic state (the point where light foot traffic leaves an imprint of about 5 mm), the substrate should be smoothened using mechanical trowels.

After bleed water has evaporated and concrete has a wet shine, White Sand Floor M10 should be sprinkled over the concrete surface at a rate of 3 – 5 kg/m². When the applied White Sand Floor M10 appears uniformly moistened, level it out with a wooden float or power float.

Finish the surface with a steel trowel to obtain a smooth, uniform monolithic surface.

On large floors, progressive finish work should be done behind the laying team to ensure application at the correct time.

Colored White Sand Floor M10 should be applied evenly as possible, and in two applications for maximum uniformity.

Do not burnish the final trowel.

Curing

Proper curing of White Sand Floor M10 should be applied to lower the rate of water evaporation, prevent crazing and bloom and to maintain its ultimate physical and mechanical properties.

Treat exposed surfaces with WHITE SAND Curing System, or cover the surface completely with a polyurethane sheet taped at the edges.

Cleaning

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

Packaging

20 kg paper bags.

Yield and Coverage

White Sand Floor M10 is applied in a rate of 3 – 5 kg/m².

Storage and Shelf Life

White Sand Floor M10 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 Floor M10 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 Floor M10 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:

- Surface Treatments and Primers.
- Cement Modifiers for Mortars.
- Adhesives and Tiling Systems.
- Concrete Repair Compounds.
- Waterproofing Materials.
- Protective Coatings and Linings.
- Industrial Flooring Systems.
- Plasters and Finishing 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.



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