

White Sand WP-10

Integral Powder Waterproofing Admixture

Product Description

White Sand WP-10 is a high-performance, easy to handle and incorporate powder integral waterproofing admixture for use in all types of cement-based mortars and mixes.

White Sand WP-10 is based on a unique hydrophobic blend of carefully selected organic and inorganic ingredients, manufactured under controlled process and conditions to give a reliable and high-quality product. White Sand WP-10 seals physically the surface of the cementitious materials by producing a system with low permeability.

Advantages and Key Functions

Reduces water absorption and permeability.

- The hydrophobic ingredients are insoluble in water and therefore become a permanent constituent of the hardened cementitious material.
- Does not influence the setting time of cement.
- Reduces chloride intrusion.
- Improves chemical and carbonation resistance.
- Improves workability and mechanical strength.

Product Performance Properties

Type	Pre-mixed cementitious powder
Appearance	Grey
Bulk Density	1.6 kg/l≈
Chloride Content	6.0 – 7.0 liters per 50 kg bag

Dosage

White Sand WP-10 is normally added to cementitious mixes at a dosage of 1 kg/50 kg of cement.

Overdoses normally will have no detrimental side effects as long as all other curing parameters are considered.

Directions for Use

The addition of White Sand WP-10 is completely physical and therefore requires an efficient mixing action.

If mixing is to take place by hand, the mix should be well turned over.

All mixes containing White Sand WP-10 should be placed in accordance with construction practices and relevant standards.

White Sand WP-10 should be carefully handled to minimize dust formation.

Use the suitable mask if dust is unavoidable.

Compatibility

When two different admixtures are mixed, it is useful to consider the function of each admixture and the time of dispensing each one of them (i.e. together or to delay one of them for certain period of time).

Packaging

White Sand WP-10 is supplied in 1 kg bags, 20 bags per pack.

Shelf Life and Storage

The original sealed packaging of White Sand WP-10 has a shelf life of 12 months when stored in a dry, shaded place and good warehouse conditions, below 35 C.

Health and Safety

It is highly recommended to use suitable protective gloves and goggles during handling and application.

Avoid unnecessary direct contact of skin or eyes to the material.

Accidental contact of White Sand WP-10 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 WP-10 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 and technical support to its customers, consultations and technical guidance for many different applications in construction chemicals.

Waterproofing systems and protective coatings.

Tile adhesives and tile grouts selection. Concrete repair and restoration systems.

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.



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