

White Sand Bond 2

Multi-purpose cement modifier, Bonding Agent and Admixture.

Description

WHITE SAND BOND 2 is a ready-to-use multi-purpose polymer-based bonding agent and cement-based mix modifier.

Uses and Key Functions

WHITE SAND BOND 2 is used as a multipurpose integral bonding agent and admixture for cement-based mixes and mortars such as tile adhesives, tile grouts, plasters, repair mortars, and screeds.

Can be Used for both internal and external applications.

Features and Advantages

- Easy to work, and multipurpose usage.
- Can be used as a bonding agent, and admixture for cement mixes.
- Improves mechanical properties of cement-based mixes and mortars.
- Improves Adhesion to substrates.
- Improves hydration and curing for cement-based mixes.
- Enhances bonding of plaster, render, and screeds.
- Reduces Shrinkage and cracks.
- Reduces bleeding.
- Improves Abrasion resistance.

Product Properties

Type	Formulated copolymer Emulsion
Appearance	Milky white liquid
Density @ 25 C	1.02 kg/l Approx.
Solid Content	19.0 ± 1.0 %
pH @ 25 C	5 - 7
VOC Weight%	0.1 Approx.

Application Instructions

Surface Preparation

Clean the surface well and free it from loose materials. Eliminate inconsistent parts, varnishes, grease, laitance and algae through sandblasting or brushing before applying WHITE SAND BOND 2.

Application

WHITE SAND BOND 2 is used directly from the drum, no mixing is required, but drums should be shaken or stirred before use.

WHITE SAND BOND 2 can be used as an admixture, and bonding agent.

WHITE SAND

Construction Chemicals

Construct your dream !

As Admixture

Dilute 1 part WHITE SAND BOND 2 with 2 parts water. Mix thoroughly to obtain a uniform consistency of liquid. Add the diluted WHITE SAND BOND 2 to pre-blended sand/cement plaster, mortar, or other dry mixes. Mix for 3-4 min using a mechanical mixer at low speed. Let the mixture stand for 5 min and mix again briefly to achieve a homogeneous lump-free mixture.

As Bonding Agent

Dilute 2 parts WHITE SAND BOND 2 with 1 part water. Mix thoroughly to obtain a uniform consistency of liquid. Apply using a brush or spray directly onto the substrate. If using a hand pump, spray at a rate of 15 m²/liter. While the bonding agent is still wet, immediately apply plaster, render, and other mortars.

Note: WHITE SAND BOND 2 should remain tacky when applying topcoat finishes.

Note: the above dosage rates are for general guidance only. It is the user's responsibility to ensure that all the materials to be used are compatible and meet the design criteria and specification requirements.

Mixing

Preferably in a pan mixer but hand batching is permissible when the total weight of mix is less than 20 kg. charge the mixer with the required quantity of cement-based mortar and pour in the required quantity of WHITE SAND BOND 2, and mix for 2 minutes only, to avoid excessive air entrainment. Add water carefully until the required consistency is achieved.

Curing

To achieve the desired performance and results, correct curing of WHITE SAND BOND 2 modified mixes is highly recommended, moisture cure for at least 1 day, and then allow to dry out slowly.

Cleaning

Clean tools with water before hardening. Hardened material can only be removed mechanically.

Watch Points

- Always use fresh cement and well graded aggregate free of excessive fines.
- Keep mixing time to a minimum.
- modified mixes are deceptive in their workability. Avoid using excess water.
- Troweling should proceed with the work. Don not over trowel and avoid re-troweling.
- Protect from too rapid drying out prior to troweling.

Packaging

WHITE SAND BOND 2 is supplied in 20 Liters, and 5 liters drums.

Shelf Life and Storage

WHITE SAND BOND 2 has a minimum 12-month shelf life when stored in the original sealed container, in good warehouse conditions away from direct sunlight in ambient temperatures below 35 C.

Safety Precautions

WHITE SAND BOND 2 is not classified as a hazardous material under current legislation.

Unnecessary contact with the product is to be avoided and suitable gloves and goggles must be worn.

Accidental contact of WHITE SAND BOND 2 to the skin or eyes should be washed off with clean water.

In the event of prolonged irritation, seek medical advice.

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 grout 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:

- 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 Materials.

Disclaimer

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