

## WHITE SAND FLEXOProof

Flexible, Single-component Cementitious Waterproof Coating

### Product Description

WHITE SAND FLEXOProof is a single-component, polymer-modified, cementitious waterproofing material which is formulated to be mixed with clean water and applied in the form of coating to provide an effective barrier for water and moisture.

WHITE SAND FLEXOProof is simply applied by stiff brush, roller, and trowel, or spray equipment to obtain the desired coverage and performance.

WHITE SAND FLEXOProof has an excellent consistency for use on concrete, mortar, and masonry substrates.

### Uses and Key Functions

Waterproof membrane for water retaining structures as water tanks, culverts and canals

- Sealing of swimming pools, abattoirs, bathrooms.
- Waterproof coating for roofs.
- Protective coating for concrete foundations
- Suitable for used as a textured protective cementitious finish for boundary walls, blocks, and concrete.
- Waterproofing under tiles in submerged and wet areas.
- To protect atmospherically exposed reinforced concrete structures from attack by acid gases, chloride ions, and water

### Features and Advantages

- Excellent bond strength even after prolonged contact with water.
- Non-toxic, solvent-free, ideal for potable water tanks.
- Flexible, has ability to accommodate and tolerate substrate cracks.
- Excellent barrier to carbon dioxide, chloride ions, sulphates, and water.
- Allows water vapor to escape from the structures and substrates.
- Durable in all climatic conditions.
- Good resistance to weathering, including UV attack.
- Effectively covers honeycombed and pitted poured concrete.
- Good abrasion resistance.
- Cost-effective.

### Product Performance Properties

Type	Polymer-modified cementitious waterproofing coating
Color	Grey
Wet Density	1.6 kg/l approx
Mixing Water	7 kg/20 kg bag
Pot Life	60 minutes
Bond Strength	≥ 2.0 MPa
Chloride content	Nil
Application Temperature	Minimum, +5 C

# WHITE SAND

Construction Chemicals

Construct your dream !

## Directions for Use

### Substrate Preparation

All surfaces must be clean, sound and free from any loosely adhering particles. Cement laitance must be removed. Wire brush, sand- or water-blast or grinding may be used to clean the substrate.

Where moss, algae, or similar growths have occurred, treatment with a proprietary biocide should be carried out after the grit-blasting process.

depending on ambient climate. Concrete substrates must be at least 3 - 4 weeks old

Pre-wet the substrate and allow surface water to dissipate before application.

### Mixing

WHITE SAND FLEXOProof should be added slowly to about 7 kg of clean water during mixing.

It is recommended to use a mixing paddle attached to a slow speed electric drill for at least 2 minutes until the material becomes smooth in consistency and slump-free.

Depending on the application technique, additional 0.20 to 0.30 kg of water may be added to adjust the consistency.

Allow the material to saturate for 5 minutes before use.

### Application

Mixed WHITE SAND FLEXOProof is applied to the prepared surface with a suitable high-quality brushes, rollers, or spray equipment.

Two coats are recommended for obtaining the maximum performance.

And the recommended thickness is 1 mm per coat.

It is recommended to cure for 7 days for applications where coating will be subjected to immersion.

### Cleaning

WHITE SAND FLEXOProof should be removed from tools and equipment immediately after use and before initial cure with clean water. Hardened material can only be removed mechanically.

### Packaging

20 kg bags.

### Coverage

Coverage of 20 kg bag of WHITE SAND FLEXOProof when applied in two coats at a thickness of 1 mm:

- Spray applied: 17 m<sup>2</sup>.
- Brush applied: 15 m<sup>2</sup>.
- Trowel applied: 12 m<sup>2</sup>.
- These above quantities are approximate and are given for estimating purposes only.

### Storage and Shelf Life

The original bag of WHITE SAND FLEXOProof 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 FLEXOProof 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 FLEXOProof 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 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.
- Industrial 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.

