

Technical Data Sheet

White Sand Rubber Coat

**Roof Protective Coat, Single Component
acrylic waterproofing Membrane**

Product Description

WHITE SAND RUBBER COAT is a single-component elastomeric water-based acrylic waterproofing coating membrane.

Used for roof protecting and waterproofing, and suitable for many other waterproofing applications.

WHITE SAND RUBBER COAT is a versatile product for waterproofing residential and commercial construction applications.

Suitable for several substrates.

Including concrete, tiles, masonry, PU foam, steel, and wood.

Features and Advantages

- Highly durable elastomeric membrane.
- High-build film thickness.
- High crack bridging abilities.
- Ease of use, single component.
- Excellent waterproofing properties.
- Highly effective barrier against rain water.
- Excellent weathering resistance.
- Excellent UV resistance.
- It reflects sun rays, making it a cool roof coating.
- Dirt-pickup resistance.
- suitable for several substrates, concrete, tiles, masonry, PU foam, steel, and wood.

Product Working Properties

Type	Acrylic-based Roof Protective Coating
Color	White
Solid Content	64 ± 0.5 %
Density	1.3 kg/l (at 23 C)
Theoretical Spreading Rate	1.5 – 2.0 m ² /kg/coat at 0.5 mm thickness
Full Cure	7 days
Flash Point	>65 C
Chloride content	Nil
Application Temperature	Minimum, +5 C

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.

Spalled and deeply disintegrated concrete should be removed to sound concrete and repaired with a WHITE SAND Repair System.

depending on ambient climate. Concrete substrates must be at least 3 - 4 weeks old WHITE SAND RUBBER COAT is applied to the prepared surface with high-quality suitable brushes or rollers.

Priming and application of two coats are recommended for maximum performance.

Priming

The recommended diluent is clean water.

Apply one coat of diluted WHITE SAND RUBBER COAT as a primer.

The recommended diluting rate is (5% – 15%) depending on the type of substrate and its permeability.

Application

Apply the first coat of WHITE SAND RUBBER COAT into the primed substrate and allow it to cure for 4 – 12 hours depending on the ambient temperature.

Apply the second coat perpendicular to the first coat and allow it to cure.

The recommended thickness is 500 microns per single coat.

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Cleaning

WHITE SAND RUBBER COAT should be removed from tools and equipment immediately after use and before the initial cure with clean water.

Hardened material can only be removed mechanically.

Packaging

20 kg Pails.

Shelf Life and Storage

The original sealed container of WHITE SAND RUBBER COAT has a shelf life of 12 months when stored in a dry, shaded place and good warehouse conditions, below 35 C.

Health and Safety

Using suitable protective gloves and goggles during handling and application is highly recommended.

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

Accidental contact with a WHITE SAND RUBBER COAT to the skin should be washed off immediately with soap and clean water.

Eye Irritation or contact should be washed off immediately with copious amounts of clean cold water.

For prolonged irritation, seek medical advice.

WHITE SAND RUBBER COAT is a non-flammable and not classified as a hazardous material under current legislation.

Do not dispose of the material in water or soil.

For 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 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:

Adhesives and Tilling 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**
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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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