

Technical Data Sheet

White Sand Prime RC

Water-based Acrylic Bonding Agent
for Cementitious Concrete Repair Systems

Product Description

White Sand Prime RC is an acrylic bonding agent for interior and exterior use, designed to bond repair mortar and new concrete to old without the laborious scarification process which is usually necessary.

White Sand Prime RC has the ability to withstand humidity and temperatures and can be applied over damp or dry surfaces.

White Sand Prime RC is not affected by alkalinity of lime plaster or Portland cement.

Uses and Key Functions

- Water resistant.
- Excellent bond strength.
- Excellent coverage.
- Water cleanup.
- Does not contain harmful solvents.
- Non-flammable.

Features and Advantages

- Bonding agent for cementitious repair systems
- Bonding agent over concrete and masonry surfaces to improve adhesion and reduce suction.
- Bonding agent when application is to be made over dense concrete or masonry.

Product Properties

Type	Formulated copolymer Emulsion
Color	Milky white liquid
Density	1.03 kg/l

Application Instructions

Substrate Preparation

Remove all loose material, oil, grease, dust, efflorescence and laitance.

Sweep or blow out with air.

Dampen the area but do not leave pooling or standing water.

Application

Apply White Sand Prime RC by brush ensuring the surface is completely covered and the primer is well penetrated into pores and crevices of the area under repair. Avoid puddles. Apply the repair mortar while the primer is still wet or tacky. Re-apply White Sand Prime RC if it had gone dry. Approximate drying time for the primer is about 20 minutes at 50% RH and 23°C. Do not allow dust film to cover the primed area prior to application of repair compounds. If this occurs, the area must be re-primed.

Coverage

White Sand Prime RC is applied in a rate of 4 - 6 m²/liter, depending on the substrate condition.

Cleaning

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

Packaging

White Sand Prime RC is supplied in 20 Liters container, and 3.75 liters barrel.

Shelf Life and Storage

White Sand Prime RC has a minimum 12 months shelf life when stored in the original sealed container, in a good warehouse conditions away from direct sunlight in ambient temperatures below 35 C.

Safety Precautions

White Sand Prime RC is a non-flammable material. White Sand Bond is classified as hazardous material under current legislations.

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

Accidental contact of White Sand Prime RC to the skin or eyes should be washed off with clean water.

In the event of prolonged irritation, seek medical advice.

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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 highly quality-oriented Product Development processes, and an independently standardized Quality Management System.

Technical Support

WHITE SAND assists 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 Tiling 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

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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