

Technical Data Sheet

White Sand ANTI BACTERIAL EMULSION

Product Description

Type

This product is an antibacterial acrylic emulsion interior wall paint which provides excellent finish and easy application with no splash. It is water based.

Features and benefits

Offers a smooth matt finish.

Easy to apply and good spreading; high covering and retouching properties. No splash during application; no brush or roller marks.

Odourless paint, no odour during and after paint application.

Antibacterial and antifungal activity on the tested microorganisms

Prevents formation of bacteria and fungi on the surfaces.

Recommended use

Ideal for interior surfaces.

Substrate

Cement plaster, concrete, block work, rendered surfaces, gypsum board etc.

Product data

| | |
|------------------|----------------------------|
| Packaging size | 16 L |
| Colours | White and A base colours. |
| Solids by volume | 38 ± 2 volume% Theoretical |
| Specific gravity | 1.45 Theoretical |
| VOC | 8.5 g/l ISO 11890 EU |

Application data

The product can be applied by

Roller : Recommended.

Brush : Recommended to paint corners and edges.

Spray : Use airless spray or conventional spray.

Guiding data for airless spray

| | |
|---------------------|---|
| Nozzle tip | 0.015–0.021" |
| Spray angle degrees | 20°-60° |
| Pressure at nozzle | 140 - 190 kg/cm ² (2100 psi) |

Guiding data for airless spray

Water

Film thickness per coat

Typical recommended range

Dry film thickness 25 - 35 µm

Wet film thickness 65 - 92 µm

Film thickness will vary and are calculated as an average.

Theoretical spreading rate 14 - 10 m²/l

Thinner

Water

Dilution

Maximum 10-15 %

Conditions during application

The temperature of the substrate should be minimum 10 °C and at least 3 °C above the dew point of the air, measured in the vicinity of the substrate. Good ventilation is usually required in confined areas to ensure proper drying.

Drying times

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly.

1. Recommended data given is, for recoating with the same generic type of paint.

2. In case of multi-coat application, drying times will be influenced by the number and sequence and by the total thickness of previous coats applied.

3. The surface should be dry and free from any contamination prior to application of the subsequent coat.

The drying time is measured by stated values:

Relative Humidity (RH) 50 %

Substrate temperature 10 °C 23 °C 40 °C

Surface (touch) dry 12 h 6 h 2 h

Hard dry 16 h 8 h 4 h

Dry to over coat, minimum 12 h 6 h 2 h

Surface preparation

The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc.

All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application.

Any resulting dust/loose particles must be removed.

Technical Data Sheet

White Sand ANTI BACTERIAL EMULSION

Recommended paint system

Primer

White sand Primer : 1 Coat

Filler

White sand Putty: 2 Coats

Topcoat

White sand Anti-bacterial: 2 Coats

Remarks

Other systems may be specified, depending on area of use. Contents of packaging with different batch numbers must be mixed together before use. Please refer to the Decorative Sales Department for technical advice.

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Storage

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Health and safety

Please observe the environmental and precautionary notices displayed on the container.

A Material Safety Data Sheet for the product has been issued.

Detailed information regarding health and safety risks and precautions for the use of this product is specified in the product's Safety Data Sheet.

Technical Data Sheet

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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 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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