

Technical Data Sheet

White Sand MOLD RWB

Water-based Mold and Shutter Release Agent
for Concrete Industry

Product Description

WHITE SAND MOLD RWB is a specially formulated water-based release agent. It is an emulsified blend of non-hazardous chemicals with highly effective releasing properties.

Uses and Key Functions

- Suitable for use with virtually all types of formwork. Can be used with molds and formworks made of or faced with steel, plastic materials, timber or plywood.
- To ensure clean release of the hardened concrete, to produce a uniform smooth, hard finish to the concrete.
- To provide quick, clean, and easy stripping of molds, shutters, and formworks.

Features and Advantages

- Excellent lubricant.
- Easy release, reduces damage to the surface concrete, and improves good finish.
- Minimizes surface blemishes and staining.
- Improves fair-faced concrete quality.
- Reduces dusting of concrete surface.
- Reduces opportunity of damage to formwork.
- Extends working life of formwork.
- Very low VOC Content (LEED Compliance).

Product Properties

Appearance	Milky white liquid
Flash Point	Non-flammable
Density	1.0 ± 0.01 kg/Liter
VOC Content	< 10.0 gr/liter (LEED Compliance)

Application Instructions

Mold Preparation

New Forms: No preparation is normally necessary unless metal forms show signs of rust, then these must be wire brushed or treated with emery cloth and cleaned before coating. **Used Forms:** Must be thoroughly cleaned and free from old concrete, dirt, cement laitance, old mold oil, and other contaminations. Mechanical cleaning with wire brush or media blasting (if required) is advised, followed by cleaning with a good general-purpose solvent or high-pH cleaning solution. Molds that have been coated with waxes, oils, or other coatings should be cleaned with a heavy-duty cleansing solvent if there is a significant buildup. Steel molds require no special treatment other than the removal of rust or oil. Wetting out may be improved by lightly abrading the surface.

Application

WHITE SAND MOLD RWB is ready to use and can be applied by brush, roller, and spray. If a mold sprayer is used, it is important that a fine nozzle to be fitted, as it should applied in a light continuous film. If it is over-applied, excess material should be allowed to drain and then removed from the bottom of the mold by means of sponge or cloth.

Pools of WHITE SAND MOLD RWB should not be allowed to dry, otherwise surface retardation of the concrete will occur.

Yield and Coverage

Coverage rate is dependent on surface texture of mold; typically, it is 35 m²/L, and can be extended for rougher surfaces.

Packaging

WHITE SAND MOLD RWB is supplied in:
20 Liters Containers, and 200 Liters Drums.

Shelf Life and Storage

WHITE SAND MOLD RWB 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 MOLD RWB is not 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 MOLD RWB 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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