



An ISO 9001 & 14001 Certified Company

Technical Data Sheet

INDOFIL MWR 37

Product Description

INDOFIL MWR 37 is a solvent-free formulation based on a mixture of silane and siloxane. A diluted solution of INDOFIL MWR 37 produces a hydrophobic treatment that inhibits water absorption even on the alkaline surface without significantly reducing water vapour permeability. The diluted solution of INDOFIL MWR 37 serves as a high-quality, general-purpose water repellent for impregnating and priming minerals and highly alkaline substrates.

The product provides a long-lasting effect as it penetrates the substrate being treated.

INDOFIL MWR 37 is designed to protect most substrates including architectural concrete, non-load concrete block, split face blocks, paver, stucco, porous and dense bricks/clay tiles, and different stones.

Applications

INDOFIL MWR 37 can be used for imparting water repellence to absorbent, porous, mineral construction materials.

Natural curing under the sun for a minimum period of 24 hours will ensure complete curing and optimum water repellency. Before application, ensure that the substrate is clean of all loose dirt, oils, paint, etc. It is advisable to cover all non-absorbing surfaces, as INDOFIL MWR 37 is very difficult to remove after few days. Wipe off the product immediately using soapy water, or an organic solvent if needed.

- Brickwork, cement fiberboards, mineral plasters.
- All kinds of concrete.
- Sand-lime brickwork, aerated concrete.
- Mineral-based natural and artificial stone, mineral paints.
- Primer for exterior paints.

Properties

- The rapid development of hydrophobicity.
- High resistance to alkalis.
- Fights dampness on the walls due to capillary action, tack-free drying.
- Non-yellowing.
- Highly long-lasting as the product penetrates the substrate.
- Water-based and environmentally compatible.
- Provides good adhesion for paints.

Processing

INDOFIL MWR 37 should be diluted with mild agitation in a ratio of 1:10. The substrate should be air-dry and absorbent. The diluted solution should be liberally applied in at least two coats, to the surface of a material. The solution can be applied by brushing, spraying, (spraying is preferable wherever possible).

Coverage

Although the coverage could be in the region of 500 – 600 sq. ft per 2 Coats, it may vary depending on the absorbance of the surface. The substrate should be air dry and absorbent. The diluted solution should be liberally applied in at least two coats, wet on wet, to the surface of the material. The solution can be applied by brushing, spraying, (spraying is preferable wherever possible).

Storage

INDOFIL MWR 37 should be stored at a temperature between 0 °C and 30 in a tightly closed original container, kept away from direct sunlight. Storage time should not exceed 6 months from receipt of material.

Shelf Life

6 months from the date of Manufacturing.

Packaging

Available in 50 kg or 200 kg HDPE containers.

TYPICAL PHYSICAL PROPERTIES:

- | | |
|----------------------------|-------------------|
| • Appearance | : Milky White |
| • Specific gravity at 30°C | : 0.97 ± 0.03 |
| • pH | : 8.5 – 9.0 |
| • Solid @ 150°C for 20 min | : 37 % \pm 1 |
| • Miscible | : Water |
- These figures are only intended as a guide and should not be used in preparing specifications.

Disclaimer:

The suggestion and data in this bulletin are based on information we believe to be reliable. It is offered in good faith, but WITHOUT GUARANTEE, as the conditions and methods of the use of our products are beyond our control. We ALWAYS recommend that the prospective user should determine the suitability of our products and suggestions on an experimental basis first, Before ADAPTING on a commercial scale.

Prepared on 15th February 2023 (Indofil/Indofil Innovative Solutions/Coating/Indofil MWR 37/Rev. 0)

Registered Office:

**Kalpataru Square, 4th Floor, Kondivita Road, Off Andheri Kurla Road, Andheri (E),
Mumbai-400 059. India**