

## SILICONE BASED WATER REPELLENT FOR EXTERIOR BRICK & STONE MASONRY SURFACES

### Description

**Dr. Fixit Repellin WR** is composed of Siloxane & Silane polymers dispersed in high boiling point solvent. It is used for waterproofing of concrete & cementitious vertical walls of building because it penetrates deeply into the substrate & provides an effective water repellent protective coating. It does not change the appearance of the substrate & the water repellent coating is UV resistant and durable.

### Areas of Application

Water repellent treatment for -

- Cement painted surfaces.
- Concrete, mortar.
- Clay brick surfaces.
- Natural and artificial stones.
- Mangalore tiled roofs.
- Corrugated AC sheet roofing, etc.

### Features & Benefits

- **Ease of application** - Ready to use, simply brushable or spray applied.
- **Staining** - Clear coating does not stain the treated surface.
- **Appearance** - Does not change the appearance of exterior decorative coating.
- **Vapour transmission** - Prevents entry of moisture into the wall, but allows moisture to evaporate out.
- **Efflorescence** - Prevent efflorescence.
- **Economical** - Cost effective.
- **Penetration** - Due to low viscosity penetration is high, which provides the hydrophobic zone.

### Method of Application

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#### 1 SURFACE PREPERATION

- Surface should be dry and free from all debris, dirt, oil, grease, wax and all other contamination, which could prevent penetration.
- Clean the saturated dirt of surface by thorough wire brushing, cleaning with compressed air followed by water washing.
- Degrease oil & grease by using solvents like turpentine or thinners.
- Allow the surface to dry completely before the application.
- Seal the cracks with Dr Fixit Crack - X powder.
- Thorough wire brushing followed by sanding with emery paper is recommended.
- Remove the existing paint, neroo or instant lime, etc. while treating internal damp walls.

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#### 2 APPLICATION

- Apply one liberal coat of Dr. Fixit Repellin WR, simply by brushing evenly on the prepared surface. Allow the surface to dry for a minimum of 24 hrs for best results.
- Dr. Fixit Repellin WR can also be applied with an airless spray (0.07 - 0.1 N/mm<sup>2</sup> pressure).
- Apply second coat wet on wet, to improve the penetration rate & performance.
- Allow it to dry for 24 hrs.

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## Precautions & Limitations

- Do not dilute with water or by any other means.
- Close the container lid properly after use
- Before applying over the natural stones like sand stone, slate or Dhollpur sampling should be done on a small area to check its suitability.
- Before taking up application on a large area, it is advisable to check the performance of the product on a relatively small area.

## Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Appearance		Clear Free flowing liquid
Colour		Water white to pale yellow
Non Volatile matter, %		3.5 - 5.0
Specific gravity @ 30°C, gms/ ml		0.80 + 0.02
Application		Spray or brush
Surface dry time, minutes		20 - 25
Flash point, °C		35 - 40
Water repellency	IS : 12027 :1987	Repel water in bead form
Water absorption, %	IS : 12027 :1987	10 maximum

## Coverage

- On porous substrate - 5 - 6 Sq meter / litre
- On low porous substrate - 7-8 Sq meter / litre.

## Packaging

- 1, 10 & 225 litres

## Shelf Life & Storage

- Shelf life is 12 months from the date of manufacturing in unopened condition.
- Store in a cool & dry place.

## Health & Safety Precautions

- Use rubber hand gloves & safety goggles, while using Dr Fixit Repellin WR
- In case of contact with skin, wash with plenty of water.
- Keep out of reach of children's
- Do not smoke during application.

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## Other Product Categories Available

DR. FIXIT has wide range of Waterproofing & Construction chemicals which includes,

- Waterproofing Products
- Repair Products
- Sealants
- Flooring Products
- Exterior Coating Products
- Tile Fixing Range
- Concrete Admixtures
- Grouts



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**DISCLAIMER** The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.