

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

1 SURFACE PREPARATION

- 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, plaster or instant lime, etc. while treating internal damp walls.

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/mm² 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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