



# Dr. Fixit Repellin WR

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 as water repellent 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 & is UV resistant.

## Typical Applications

Water repellent treatment for -

- Clay brick surfaces
- Concrete, mortar
- Mangalore tiles
- Natural and artificial stones

## Features

- **Ease of application** - Ready to use, brushable or spray applied.
- **Staining** - Clear coating does not stain the treated surface.
- **Appearance** - Does not change the appearance of exterior decorative coating.
- **Economical** - Cost effective.
- **Penetration** - Due to low viscosity penetration is high, which provides the hydrophobic zone.

## Packaging

1, 10 & 225 litre

## Method of Application

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### 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.
- De grease oil & grease by using appropriate solvents.
- Allow the surface to dry completely before the application.
- Seal the cracks using **Dr. Fixit Crack-X** products.

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### 2 APPLICATION

- Apply one liberal coat of Dr. Fixit Repellin WR, by brushing evenly on the prepared surface.
- Apply second coat wet on wet, to improve the penetration rate & performance.
- Allow it to dry for 24 hrs.



### Precautions & Limitations

- Do not dilute.
- 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		Clear to pale yellow
Non Volatile matter, %		4.9 - 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, % (After 24 hrs.)	IS : 12027 : 1987	10 max

### Theoretical Coverage

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

### Shelf Life

Shelf life is 18 months from the date of manufacturing in unopened condition. Store in a cool & dry place.

### Health & Safety

- 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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Pidilite Industries Limited  
Construction Chemicals Division  
Ramkrishna Mandir Road, Post Box No. 17411  
Andheri (E) Mumbai 400059 INDIA  
Tel +91-22-2835 7000 • Fax +91-22-2835 7008  
www.drfixit.co.in • info@drfixit.co.in

Dr. Fixit Advice Centre (Toll Free No.) 1800 209 5504

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