

# Dr. Fixit Powder Waterproof



## INTEGRAL POWDER WATERPROOFING COMPOUND FOR PLASTER & CONCRETE

### Description

**Dr. Fixit Powder Waterproof** is composed of waterproofing additives, dispersed in inert fine filler. It is an integral powder-waterproofing admixture used for waterproofing of concrete and cement plasters, because it makes concrete cohesive & reduces porosity & improve water tightness .

### Standard compliances / Specification

- Meets the requirements of IS : 2645 - 75 standard

### Areas of Application

- Basements,
- Roof slabs and screeds,
- Water retaining structures,
- External plastering,
- Bathrooms
- Balconies.

### Features & Benefits

- **Corrosion** - Chloride-free hence no chances of corrosion of reinforcement bars.
- **Water seepage** - As an effective pore filler, helps to fill capillaries and pores to prevent water seepage.
- **Consistency** - Makes the mix cohesive and denser, hence the concrete & plaster has reduced permeability .
- **Economics** - Most economical water proofing additive, reduces water absorption.
- **Setting & strength** - Does not affect the setting time and strength of the cured concrete.
- **Compatibility** - Compatible with all types & grades of cements.

### Method of Application

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#### 1 HAND MIXING

- Add Dr. Fixit Powder Waterproof to the dry mix of cement sand and mix evenly with a spade, until an even mix is obtained.
- Add the measured quantity of potable water as per decided W/C ratio and mix to a homogeneous & uniform consistency concrete / mortars.
- Place the mixed concrete / mortar into shuttering, provided
- Cure the concrete / mortar surface as per regular practices of water curing.

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#### 2 MACHINE MIXING

- Charge the Cement & sand as per the mix design into concrete mixer & mix for one minute. Add 500 g of Dr. Fixit Powder Waterproof for every 50 kg bag of cement. & mix for one minute.
- Add the measured quantity of potable water as per W/C ratio and mix for 2-3 minutes to a lumps free homogeneous concrete.
- Place the mixed concrete mortar into shuttering provided.
- Cure the concrete / mortar surface as per regular practices of water curing.

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## Precautions & Limitations

- Do not add Dr. Fixit Powder Waterproof directly to water.
- Do not add Dr Fixit Powder Waterproof in wet concrete/ mortar.

## Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Appearance		Free flowing powder
Colour		Off white
Bulk density- tapped, gm/ml		0.8 ± 0.05
Setting time @ 30°C, mins	IS : 2645	30 - 600
Compressive strength, N/MM <sup>2</sup>	IS : 2645	Matches to control mix
Water permeability	IS : 2645	35% of control mix

## Dosage

- 500 gms of Dr Fixit Powder Waterproof for 50 kgs bag of cement.

## Packaging

- 500 g

## Shelf Life & Storage

- Shelf life is 12 months from date of manufacturing in unopened containers.
- Store at cool & dry place, away from sun heat & fire.

## Health & Safety Precautions

- Use rubber hand gloves & safety goggles, while using Dr Fixit Powder Waterproof.
- In case of contact with skin, wash with plenty of water.
- Keep out of reach of children's.

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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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