

# 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 - 2003 standard

## Typical Application

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

## Features

- **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.

**Packing:** 500 g & 30 kg

## Method of Application

### 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.

### 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.



### Precautions & Limitations

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

### Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Appearance		Free flowing powder
Colour		Off white
Bulk density- tapped, gm/ml		0.5 to 0.8
Setting time @ 30°C, mins	IS : 2645-83	Passes
Compressive strength, N/MM <sup>2</sup>	IS : 2645-83	Matches to control mix
Water permeability	IS : 2645-83	<50% of control mix

**Dosage:** 500 gm of Dr. Fixit Powder Waterproof for 50 kg bag of cement.

### Shelf Life

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

### Health & Safety

- 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.

### Other Products Categories available

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