

Dr. Fixit Pidiproof LW



LIQUID INTEGRAL WATERPROOFING COMPOUND FOR
CONCRETE & PLASTER

Description

Dr. Fixit Pidiproof LW is specially formulated additive composed of cement compatible, surface active agent, polymers & additives. It is used as an additive for cement concrete/ mortar/ plasters, because plastisizing properties, makes concrete cohesive and prevents segregation. It improves the integral waterproofing properties of cement concrete & plasters after curing.

Standard Compliance / Specification

Meets the requirement of to IS : 2645-1975 standard

Areas of Application

- Waterproofing of concrete and sand-cement mortar used in
- Basements,
- Roof slabs and screeds,
- Water tanks & water retaining structures,
- External plastering,
- Bathrooms and balconies,
- Sumps and drains

Features & Benefits

- **Compatibility** - Being a liquid, easily dispersible & compatible with concrete/mortar mixes.
- **Cohesiveness** - Makes the concrete / mortar more cohesive, hence no bleeding & segregation.
- **Durability** - Increases durability by improving integral waterproofing of concrete.
- **Breathing** - it retains the breathing efficiency of concrete.
- **Permeability** - It reduces the permeability of water into concrete.
- **Economics** - it is an economical additive as compare to other waterproofing materials.
- **Strength** - Does not affect the setting time and strength of the concrete.
- **Shrinkage** - Reduces shrinkage crack development in plaster & concrete.

Method of Application

- Charge cement & aggregates to concrete mixer as per the mix design, mix in dry state for 1-2 minutes.
- Start addition of 75 - 80% mixing water & mix for 2-3 minutes.
- Dr. Fixit Pidiproof LW is added as per the recommended dosage into the remaining mixing / gauging water, then add to concrete mixer & mix for another 2 minutes.
- Discharge the concrete / plaster for application.
- Cure the applied mortar or concrete as per good construction practices.

Precautions & Limitations

- Do not add Dr. Fixit Pidiproof LW directly to dry cement & aggregate mix.
- Maintain water-cement ratio as low as possible.
- Do not increase the dosage of Dr. Fixit Pidiproof LW than recommendation.

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Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Appearance		Free flowing thin liquid
Colour		Wine red colour
Sp. Gravity @25°C. gms/cc		1.05 ± 0.02
Non volatile content, %		13 ± 0.5 %
PH value		11 - 13
Setting time, minutes	IS : 2645 : 1975	Initial - 140 ; Final - 260
Compressive strength, N/sqmm	IS : 2645 : 1975	7 days - 42 MPa
Chloride content	IS : 2645 : 1975	0.002%
Water permeability	IS : 2645 : 1975	38 % of Control

Dosage

- 200 ml per 50 kgs bag of cement.

Packaging

- 200 ml, 1, 5 , 10, 20 & 100 liters.

Shelf Life & Storage

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

Health & Safety Precautions

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

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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