

Dr. Fixit Pidiproof LW+



INTEGRAL LIQUID WATERPROOFING COMPOUND FOR CONCRETE & PLASTER

Description

Dr. Fixit Pidiproof LW+ is specially formulated integral liquid waterproofing compound composed of surface active plasticising agents, polymers & additives. It is used as an additive for cement concrete, mortar & plasters. It makes concrete cohesive and prevents segregation.

Standard Compliance / Specification

Meets the requirements of IS : 2645-2003

Areas of Application

Waterproofing of concrete and sand-cement mortars used in

- Basements,
- Roof slabs and screeds,
- Water tanks & water retaining structures,
- External plastering,
- Bathrooms and balconies,
- Sumps and drains

Features & Benefits

- **Corrosion resistant** - Makes concrete more cohesive, hence protects steel better against corrosion
- **Compatibility** - Being a liquid, easily dispersible & compatible with concrete/mortar mixes.
- **Permeability** - It reduces the permeability of water into concrete.
- **Strength** - The setting time and compressive strength of the concrete remains within the specification limits.
- **Shrinkage** - Reduces shrinkage crack development in plaster & concrete.
- **Workability** - Improves workability of freshly mixed cement concrete.
- **Durability** - Increases durability by improving waterproofing of 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.
- Place the concrete or apply plaster, as needed.
- 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 the recommendation.



Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Appearance		Free flowing liquid
Colour		Wine red
Sp. gr. @ 25°C		1.05 - 1.070
Non volatile content		13.5 - 14.5%
pH value		9- 13
Setting time, minutes	IS : 2645 : 2003	Passes
Chloride content	IS : 2645 : 2003	Max. 2.00%
Water permeability	IS : 2645 : 2003	Passes
Compressive strength N /mm ²	IS : 2645 : 2003	As per the standard

Dosage

200 ml per 50 kg bag of cement

Packing

200 ml, 1, 5, 10, 20 & 100 litre

Shelf Life & Storage

- Best before 2 years from the date manufacture when in sealed pack and stored under proper condition.
- 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

Other Products Categories available

Dr. Fixit brings you the widest range of Construction Chemicals



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