



Dr. Fixit Pidiproof LW+

INTEGRAL LIQUID WATERPROOFING COMPOUND FOR CONCRETE & MORTAR

Description

Dr. Fixit Pidiproof LW+ is specially formulated unique integral liquid waterproofing compound which offers dual benefits of Corrosion inhibitor and Waterproofing compound. It blocks the capillaries and enhance water impermeability of Mortar & Concrete. It also reduces water demand to achieve desire workability hence improves strength.

Standard compliance / Specification:

- IS 9103-2018 for water reducing admixture specification.
- IS 2645 for integral waterproofing compound for cement mortar and concrete.

Areas of Application

All types of RCC and cement mortars

- Roof slabs, columns and beams.
- Plaster mortar and screeds
- Water tanks
- Tile bedding mortars

Features & Benefits

- Corrosion resistant - It protects steel by forming protective layer on surface of steel.
- Reduces Permeability - Waterproof concrete and mortar.
- Minimize Shrinkage - Reduces plastic shrinkage cracks.
- Reduction in water demand hence reduce honeycombs and voids in concrete
- Compatibility - Compatible with all types of cements and sands.

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% mix design 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.
- For plaster mix, mix cement and sand at 1:4 volume ratio with required amount of water. Add 200 ml Dr. Fixit Pidiproof LW+ per 50 kg bag of cement.
- 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.
- For best result Maintain free water less than 22.5 Liters per bag of 50Kg cement.
- For higher dosage usages of Dr. Fixit Pidiproof LW+, please consult Dr Fixit technical representative.

Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Appearance	wine red	comply
Specific Gravity @25° C	1.06 - 1.10	comply
Non volatile content	14.0 TO 16.0%	comply
pH value	MORE THAN 8.0	comply



IS 2645 for integral waterproofing compound for cement mortar and concrete

PROPERTIES	SPECIFICATION	RESULTS
% reduction in permeability of water Vs Control	50% (Min) than control.	Comply
Initial setting time	Not less than 30 min to Control	Comply
Final setting time	Not more than 600 min	Comply
3 days compressive strength	90% (Min) of control mix	Comply
7 days compressive strength	90% (Min) of control mix	Comply
Chloride Content	<0.2%	<0.002%

Dosage

200 ml per 50 kg bag of cement

Packaging

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

- 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



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

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