

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

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



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