

Dr. Fixit LW+ Super



LIQUID PLASTICIZING & WATERPROOFING COMPOUND

Dr. Fixit LW+ Super is specially formulated integral liquid waterproofing compound composed of surface active plasticising agents, polymer & additives specially formulated to work with M-Sand (Manufactured Sand). It is used as admixture for site-mixed cement concrete, mortar & plastering. It makes concrete cohesive and prevent segregation & facilitates excellent retention of workability. In addition, to lower water cement ratio it eliminates chances of bleeding and shrinkage cracks in mortar.

Typical Applications

- RCC Slab
- Waterproofing of concrete and cement sand mortars
- Internal and External plastering

Features

- Delays Corrosion - Makes concrete more cohesive, hence protects steel better against corrosion.
- Improves workability with M-Sand - Facilitates easy placing and good compaction of mixed cement concrete and plaster mortar/ screed specially made with M-Sand.
- Waterproof concrete & mortar - Increases durability by improving waterproofing of concrete.
- Increase strength and durability - The setting time and compressive strength of the concrete remains within the specification limits.
- Compatibility - Being a liquid, easily dispersible & compatible with concrete/mortar mixes.
- 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 LW+ Super 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 LW+ Super directly to dry cement & aggregate mix.
- Maintain water-cement ratio as low as possible.
- Do not increase the dosage of Dr. Fixit LW+ Super than the recommendation.

Technical Information

Properties	Specification	Results
Appearance		Pink Liquid
Specific gravity @ 25°C		1.04 - 1.09
Non Volatile content		15 - 16.5%
pH Value @ 30 deg		13
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.

Packaging

1, 5, 10, 20 & 50 litre

Shelf Life

Shelf life is 24 months from the date of manufacturing. Store in a cool & dry place in unopened condition.

Health and 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

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