

D+MULTIPURPOSE LW 222

Integral Waterproofing Compound

**DESCRIPTION**

D+ MULTIPURPOSE LW 222 is specially formulated additive composed of cement compatible, surface active agent, synthetic polymers & additives. . It is used as an additive for cement concrete, mortar, plasters and waterproofing. It makes concrete, plaster dense and cohesive. It prevents segregation, reduces porosity and increases strength of the concrete.

Advantages

- 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 adding integral waterproofing of concrete.
- Breathing – it retains the breathing efficiency of concrete.
- Water Permeability – it reduces the water permeability into concrete.
- Economics – it is an economical additive as compared to other waterproofing materials.
- Faster early and ultimate strength - the setting time and compressive strength of the concrete remains within the specification limits.
- Shrinkage - reduces shrinkage crack development in plaster & concrete.
- Strong concrete plasticizing without any tendency to segregation.
- Improvement of pump ability
- Reduced time for pouring
- Good workability

Application Waterproofing of concrete and sand-cement mortar used in

- Slabs, beams, columns.
- Screeds, Internal/external plasters.
- Basement, water tanks, water retaining structures.
- Sumps, drains, bathrooms, toilets.
- Repairs and renovation

PHYSICAL & TECHNICAL SPECIFICATION

TECHNICAL PROPERTIES: (Typical Values)			
Appearance / colour	Brownish red colour Liquid	Solid Content	19.0-20.0 %
Specific Gravity	1.1-1.2	Dosage	200 ml per 50 kg bag of cement
Compressive strength N / mm ²	As per the standard, IS : 2645 : 2003	Shelf Life	12 months from the date of manufacturing in company pack
Setting time, minutes	Passes as per IS : 2645 : 2003	Water permeability	Passes as per IS : 2645 : 2003
Chloride content	0.03%	PH	9-11

Packing Size

D+ Multipurpose LW 222 is available in 200 kg, 100kg, 50kg, 10kg, 5 kg, 1kg & 200 ml.

HEAD OFFICE:

506, Parshwanath Business park, opp
Prahlanadnagar garden, SG highway, Ahmedabad,
Gujarat, India. 380015

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Application Instructions:

- Charge Cement, Sand & Aggregates to the concrete mixer as per the mix design, mix in a dry state for 2 –3 minutes.
- Start addition of 75 – 80% premeasured water & mix for 5 minutes.
- Take the recommended dosage of MULTIPURPOSE LW 222 and poured in to the remaining quantity of water (in separate container) then add this mixer of (LW 222 & water) in to the Concrete mixer and mix for 3-4 minutes
- Discharge the concrete/plaster for application.
- Cure the applied mortar or concrete as per good construction practices.
- Don't add MULTIPURPOSE LW 222 directly in to dry concrete mix.
- Don't use extra dose of IWP than recommended.

Precautions & Limitations:

- Follow recommended dosage strictly. Don't add MULTIPURPOSE LW 222 directly in to dry concrete mix. Maintain water-cement ratio as low as possible.

Health & Safety Precautions:

- Use rubber hand gloves & safety goggles, while using MULTIPURPOSE LW 222.
- In case of contact with skin, wash with plenty of water.
- In case of contact with eyes, immediately rinse with plenty of clean water. Seek medical advice, if needed. Keep out of reach of children.

CONDITIONS OF SALE

Sold subject to the Company's conditions of sale which are available on request.

NOTE The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our Company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

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