

# ShaliPlast<sup>®</sup> LW+

Waterproofing Additive For Cement Plaster And Concrete (PCC)



STP Limited

## Description

**ShaliPlast<sup>®</sup> LW+** (formerly known as ShaliPlast<sup>®</sup> LW) is an additive for concrete, mortar and plasters. It contains additives and polymers which makes the concrete cohesive and less of capillaries.

**ShaliPlast<sup>®</sup> LW+** an integral liquid water proofing compound composed of wetting agent, plasticiser, polymers and additives.

It conforms the requirements of IS 2645- 2003 and IS 9103-2000 standards.



## Characteristics

Colour	Wine Colour	Non Volatile Content, %	15 ± 1
Specific Gravity @ 30 °C	1.08 ± 0.01	Chloride content, %	< 2
pH	9 - 13	Setting Time, minutes	40 - 550
Water Permeability	Pass	Dosage, ml / 50 kg cement	200

## Application

- Used in basement, roof slab, screed.
- Water tank, terrace, floors that must be water tight.
- External plastering, bathroom and balconies.
- Mass concrete foundation walls.

## Advantages

- Reduces Permeability.
- Easily dispensable / compatible.
- Reduces capillary.
- Avoid shrinkage crack development.
- Facilitates better workability.
- Enhance durability.

## Application Methodology

- Cement, sand and aggregates are charged in the mixer and dry mix for 2 minutes.
- Add 75-80 % of water and mix for 3 minutes.
- **ShaliPlast<sup>®</sup> LW+** is added as per the recommended dosage into the remaining part of the water and the mix is added to concrete mixer & mixed for another 2 minutes.
- Place the concrete or apply plaster, as needed.
- Cure the applied mortar or concrete as per good construction practices

## Health & Safety

- Avoid contact with skin / eyes, and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapour.
- Wear suitable protective clothing, gloves and eye protection.
- In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of eye contact, wash with plenty of clean water and seek medical advice.
- If swallowed, seek medical attention immediately. Do not induce vomiting.

## **Packing**

Available in 1 L, 5 L and 20 L.

## **Storage**

Store in a cool dry place, under shed, away from heat.

## **Shelf Life**

12 months in original unopened sealed condition.



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