

# ShaliPlast® LW+



Integral Liquid Waterproofing Compound For PCC / Plaster

STP Limited

## Description

**ShaliPlast® LW+** is integral liquid waterproofing compound composed of surface active agents, plasticizers, polymer and additives.

**ShaliPlast® LW+** is used as an additive for PCC / mortar / plasters to make concrete cohesive by reducing cement voids / capillaries.

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

## Characteristics

Colour	Brownish	Non-volatile Content, %	14 ± 1
Specific Gravity @ 30 °C	1.06 ± 0.01	Chloride content, %	< 0.02
pH	9 - 13	Setting Time, minutes	40 - 550
Water Permeability, %	< 50 of control	Dosage, ml / 50 kg cement	200
Compressive strength, Mpa	Equal to control		

## Application

Used as an additive for PCC / mortar / plasters in

- Basement, roof slab, screed.
- Water tank, terrace, floors, balconies and bathrooms.
- Sumps, water reservoirs and drains.
- External / Internal plaster.

## Advantages

- Economics : It is an economical additive as compare to other waterproofing materials.
- Compatibility : Easily dispersible & compatible with concrete / mortar mixes.
- Cohesiveness : Reduces capillary and makes PCC / plaster more cohesive.
- Durability : Enhances durability.
- Permeability : Reduces Permeability.
- Workability : Improves workability of freshly mixed PCC.
- Breathability : Retains the breathing efficiency of concrete
- Shrinkage : Reduces shrinkage crack development in PCC / plaster.

## Application Methodology

- Charge cement, sand and aggregates in concrete mixture as per mix design.
- Dry mix for 2 minutes.
- Add 75-80 % of water and mix for 3 minutes.
- Add **ShaliPlast® LW+** @ 200 ml per 50 kg bag of cement in remaining water and then wet mix for 2 minutes after adding such dosed water.
- Mix for 2 minutes.
- Place the concrete or apply plaster, as needed.
- Cure the applied mortar or plaster as per good construction practices

## Health & Safety

- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation.
- 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 and 200 L.

### Storage

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

### Shelf Life

12 months in original unopened sealed condition.



**STP Limited**  
*Enhancing Structures' Life*

### Product Range

- Waterproofing and Insulation ■ Road Surfacing
- Sealants and Additives ■ Pipeline Coating
- Protective / Anti-Corrosive Coating ■ Epoxy Flooring
- Grouts / Admixtures ■ RestoFix- Repair / Rehabilitation
- Other Construction Chemicals



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