

ShaliPlast[®] P



Water Reducing Admixture

STP Limited

Description

ShaliPlast[®] P (formerly known as ShaliCon WR[®]) is an admixture based on modified ligno Sulphonate, which is completely free of any added chloride ions. It is a water-reducing, normal-set, admixture for concrete. It provides a more plastic and cohesive mix in the fresh concrete and better durability reduced, shrinkage and less permeability in the hardened concrete.

It conforms to specification prescribed in IS 9103 & ASTM C – 494 Type A admixture.

Characteristics

Colour	Amber Brown	Specific Gravity	1.14 ± 0.02
pH	7 – 8	Chloride Content	Nil

Application

- Ready mix concrete.
- Light weight concrete.
- Pre stressed concrete.
- Expansive concrete.
- Precast concrete.

Advantages

- Provides easier handling and finishing.
- Increased strength.
- Reduction in w/c ratio.
- Improves workability.
- Provides increased durability.
- Reduces shrinkage and permeability.

Application Methodology

- Add **ShaliPlast[®] P** to the dosing water. It should not come into contact with dry cement.
- Charge all concrete material in the proper order into the mixer with about 70 % of the mixing water and mix for the three minutes. Add rest quantity of water with admixture to obtain the required slump and mix for three addition minutes.
- Compatible with other admixture; however, each admixture should be added to the mix separately.
- When **ShaliPlast[®] P** is used with an air entraining agent then the dosage rate of air entraining agent should be reduced. **ShaliPlast[®] P** may react with the air entraining agent increasing its air producing efficiency.
- Compatible with all types of Portland cement including SRC (Sulphate Resistance Cement) and not compatible with high alumina cement.

Dosage

0.2 - 0.5 % by weight of cement. Do not allow over dosing. Due to overdosing setting time will be extended rigorously.

Health & Safety

- **ShaliPlast[®] P** is non-toxic.
- 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 20 kg & 200 kg drum.

Storage

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

Shelf Life

9 months in original unopened 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



Advisory Cell: +91 81302 81114