

# ShaliPlast P

Water Reducing Admixture



STP Limited

## Description

**ShaliPlast P** (formerly known as ShaliCon WR<sup>®</sup>) 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.

**ShaliPlast P** 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.
- Any splashes on the skin should be washed immediately with water.
- Splashes on the eyes should be washed immediately with water and seek medical advice.

## 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.

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