

ShaliPlast FS

Accelerator for Concrete



STP Limited

Description

ShaliPlast FS (Formerly known as Accelguard 80) is a chloride based, multipurpose concrete admixture designed to accelerate the normal setting time of concrete. **ShaliPlast FS** improves the plastic and hardened properties of concrete such as workability, compressive strength and flexural strengths. **ShaliPlast FS** densifies concrete and reduces its permeability.

Characteristics

Appearance	Colorless liquid	Chemical Nature	Inorganic substance
Specific Gravity	1.30 - 1.35	Solubility	Freely soluble in water

Application

- Concrete blocks, pipes
- Stepping stones
- Lintels

Advantages

- Reduces initial set.
- Provides high early strength for fast form stripping.
- Densifies concrete Minimizes bleeding and segregation.
- Translucent colour enables to use with white cement products

Dosage

- Optimum dosage of **ShaliPlast FS** to meet specific requirement should be always determined by trials using the materials and the conditions that will be experienced in use. The normal dosage range is between 0.40 to 1.6 Ltr / bag of cement. However there can be decreased or increased dosages depending upon the mix design, set requirement and ambient conditions.
- Setting time and hardening of cement paste varies with dose of **ShaliPlast FS** and with different quality as well as quantity of cement.
- **ShaliPlast FS** is not advisable to use as accelerator for RCC.

Application Methodology

- Add **ShaliPlast FS** with water in to the concrete mix.
- Ensure that **ShaliPlast FS** is not added directly to dry cement.

Cleaning & Maintenance

Clean all tools immediately after use with water.

Health & Safety

- Use goggles and hand gloves during application.
- Clean hands with warm soap water after application.

Packing

Available in 20 kg and 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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