

# ShaliPlast<sup>®</sup> FS

Accelerator for Concrete



STP Limited

## Description

**ShaliPlast<sup>®</sup> FS** (Formerly known as Accelguard 80) is a chloride based, multipurpose concrete additive designed to accelerate the normal setting time of concrete. It is an additive for concrete, mortar and plasters. **ShaliPlast<sup>®</sup> FS** improves the plastic and hardened properties of concrete such as workability, compressive strength and flexural strengths. **ShaliPlast<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> FS** and with different quality as well as quantity of cement.
- **ShaliPlast<sup>®</sup> FS** is not advisable to use as accelerator for RCC.

## Application Methodology

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

## Cleaning & Maintenance

Clean all tools immediately after use with water.

## 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 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.



**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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