

# ShaliPrime<sup>®</sup> AC



Silane Siloxane Based Penetrative Primer for Concrete & Masonry Surfaces

STP Limited

## Description

**ShaliPrime<sup>®</sup> AC** is a Silane Siloxane based primer for Concrete surfaces. It penetrates into the pores of concrete & reacts with moisture present to form a hydrophobic polysiloxane sealing to the capillaries. It is a transparent colourless liquid. It bonds well to the concrete surfaces.

## Characteristics

Physical appearance	Clear colourless low viscous liquid	Minimum application Temp	5 °C
		Flash Point, °C	32
Theoretical Coverage *	4 – 5 m <sup>2</sup> / L	Specific Gravity	0.90 ± 0.02

\* Depending upon surface condition.

## Application

- Used as primer for protection of concrete to the ingress of water & water soluble salts.
- Reducing efflorescence in Masonry structures.

## Advantages

- Prevent ingress of water borne chlorides & sulphates.
- Single component.
- Allows concrete to breath.
- Penetrates & seal the capillary pores.
- Excellent water repellent properties.
- Easy to use & cost effective.
- Transparent, no change in surface appearance.

## Application Methodology

### ➤ Surface Preparation

- Surfaces to be sealed must be dry, structurally sound, and free from grease, oil, dirt and other contamination. Remove any curing compound or releasing agents prior to coating. Use compressed air to remove dust and other loose particles. Ensure that the surface is dry prior to application.

### ➤ Material Preparation

- **ShaliPrime<sup>®</sup> AC** is a single pack system. Mix well before application, to ensure that there is no sedimentation.

### ➤ Application of Material

- Apply **ShaliPrime<sup>®</sup> AC** primer as per the coverage. Ensure that sufficient material is applied to saturate the surface. Allow the primer to dry for at least 4 -5 hrs before over coating. A low pressure, airless sprayer is the preferred method of application. But a brush or roller may also be used for coating. Material should be applied to assure uniform coverage.

## Cleaning

- Tools, equipment and general clean-up can be done Xylene or Toluene.

## Health & Safety

- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapor.
- Wear suitable protective clothing, gloves and eye protection.
- In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of contact with eyes, wash immediately with plenty of clean water and seek medical advice.
- If swallowed seek medical attention immediately. Do not induce vomiting.

## Packing

Available in 20 L pack.

## 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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