

ShaliCure[®] SS



Water Based Curing and Sealing Compound For Concrete Surface

STP Limited

Description

ShaliCure[®] SS is a sprayable sodium silicate based compound for curing and sealing concrete. **ShaliCure[®] SS** is used on all new concrete surfaces. It conforms to ASTM C 309.

Characteristics

Physical Appearance	Milky white liquid	Theoretical Coverage	8
Specific Gravity	1.24 ± 0.02	Fresh Concrete, m ² /L*	

* Depending upon surface condition.

Application

- Curing and sealing over concrete.

Advantages

- Seals, hardens and cures simultaneously.
- Water based. Green products.
- Resists penetration of oil and chemicals and salt effects.
- Can be tiled over.
- Facilitates direct application of subsequent treatment like waterproofing, painting and anti-carbonation coating.

Application Methodology

➤ Surface Preparation

- Concrete surface must be clean and free of standing water. Remove any sealer or other material that may prevent absorption of the **ShaliCure[®] SS**.

➤ Material Preparation

- Stir **ShaliCure[®] SS** by a slow speed mixture (approx. 400 rpm) fitted with a suitable mixing paddle to ensure a homogenous mix.

➤ Application of Material

- Apply **ShaliCure[®] SS** to a concrete surface in a continuous film. Best results will be achieved with a hand or power sprayer although a soft bristle broom or squeegee. Brush may also be used. Brush out all sagged material immediately. Concrete abrasion resistance increases with additional coats of **ShaliCure[®] SS**.

Cleaning & Maintenance

- Clean brushes, tools, equipment and flush sprayer with potable water immediately after use.

Limitations

- Protect **ShaliCure[®] SS** from freezing. In the event of freezing, thaw, stir or agitate before using.
- Protect metal, glass, wood, paint or brick from contact with **ShaliCure[®] SS**. If accidentally misapplied, wash surface with potable water immediately.
- If excess **ShaliCure[®] SS** is left on the concrete surface, a white residue may form.

Health & Safety

- Use mask, nose cover and hand gloves during application.
- Clean hands with soap water after application.
- Ensure adequate ventilation and avoid inhalation of product.
- Avoid contact with skin / eyes. In case of unlikely contact with eyes, rinse immediately with plenty of clean water, then cleanse with soap and lukewarm water and seek medical advice. Do not use solvent to clean the contacted area.
- Prevent swallowing. In case of unlikely swallowing, seek medical attention immediately. Do not induce vomiting

Packing

Available in 20 L & 200 L drum.

Storage

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

Shelf Life

9 months in original unopened sealed condition.



Advisory Cell
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