

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.

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**.

➤ Precautions

- **Mixing water is totally prohibited.**

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, 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

- 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 200 L drum.

Storage

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

Shelf Life

6 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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