

ShaliCure[®] AL WB



STP Limited

Water Based Aluminized Sodium Silicate Curing Compound

Description

ShaliCure[®] AL WB is water-based aluminised curing compound for prevention of premature water loss from green concrete.

ShaliCure[®] AL WB is sprayed on to the newly laid concrete surfaces to form a thin barrier against premature water loss, without disturbing normal setting action of the concrete.

ShaliCure[®] AL WB results in concrete achieving optimum properties.

Characteristics - Physical

Colour	Metallic Aluminium	Theoretical Coverage*, gm / m ²	0.240 to 0.350
Specific Gravity kg / L	1.2 ± 0.02	Drying Time, @ 25 °C, hrs	2
Spreading rate*, 300 ± 50 gm / m ² , water retention efficiency index, %		BS 7542	> 90

* Depending Upon Surface Condition.

Application

- Highways.
- Runways / Taxi ways / Aprons.
- Retaining walls / columns / roofs / decks.
- Canals, dams, water channels and other water retaining structure.
- All concrete structure like retaining walls, columns, roofs.
- Other concrete floors.

Advantages

- Provides membrane to arrest premature water loss.
- Reduces dusting.
- Increases frost resistance.
- Helps to minimize spalling of exterior concrete.

Application Methodology

➤ Surface Preparation

- The concrete surface must be clean and free of standing water. Remove any sealer or other material that may prevent absorption of the **ShaliCure AL WB**.

➤ Material Preparation

- Stir **ShaliCure[®] AL WB** by a slow speed mixture fitted with a suitable mixing paddle to ensure a homogenous mix.

➤ Application of Material

- Start the spray application only after initial set of concrete i.e when green concrete is just moist.
- Apply **ShaliCure[®] AL WB** by spray with a pressure of 50 – 60 psi spray machine.
- After application the area must be protected from rain for at least 2 – 3 hrs.

➤ Precautions

- **Mixing water is totally prohibited.**

- In case of change over from Solvent Based to Water Based, the application equipment including intermediary storage tank, must be thoroughly cleaned by STP Thinner first and then by water to prevent any clogging.

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 Bucket & 200 Kg Barrel.

Storage

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

Shelf Life

6 months in original unopened sealed condition.



 <p>STP Limited <i>Enhancing Structures' Life</i></p>	<p style="text-align: center;">Product Range</p> <ul style="list-style-type: none"> ■ Waterproofing & Insulation ■ Road Surfacing ■ Sealants & Adhesives ■ Pipeline Coatings ■ Protective/Anti-Corrosion Coatings ■ Epoxy and Flooring ■ Grouts and Admixtures (GARA) ■ RestoFix - Repair/Rehabilitation ■ Other Construction Chemicals 	
<p>Advisory Cell: +91 81302 81114</p>		