

ShaliCure[®] AL WB



Water Based Aluminized Sodium Silicate Curing Compound

STP Limited

Description

ShaliCure[®] AL WB is water-based curing compound based on aluminized sodium silicate for the prevention of premature water loss from concrete. It is ready to use and simple to apply. **ShaliCure[®] AL WB** is sprayed on to the newly laid concrete surfaces to form a thin barrier against premature water loss. Which 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

* Depending Upon Surface Condition.

Characteristics - Technical

Property	Method	Result
Spreading rate, gm / m ² , water retention efficiency index, %	BS 7542	
• 240		85
• 300		90
• 350		96

Application

- Highways.
- Runways / Taxi ways / Roof decks.
- Aprons and hard standings.
- Canals, dams, water channels and other water retaining structure.
- All concrete structure like retaining walls, columns.

Advantages

- Provides a total membrane for new concrete.
- Seals all concrete surfaces.
- Hardens new concrete by promoting a proper cure for improved abrasion resistance.
- Reduce dusting.
- Increase 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

- Apply **ShaliCure[®] AL WB** by spray. Low pressure spray machine similar to pesticide spray machine is ideal.
- After application the area must be protected from rain for at least 2 – 3 hrs.

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

12 months in original unopened sealed condition.



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