

ShaliCure® AL

Solvent Based Synthetic Resin Containing Aluminum Pigment



STP Limited

Description

ShaliCure® AL is a curing compound based on aluminized synthetic resin for the prevention of premature water loss from concrete. It is ready to use and simple to apply. **ShaliCure® AL** is sprayed on to the newly laid concrete surfaces to form a thin barrier against premature water loss. Without disturbance to the normal setting action the concrete is then allowed to cure and achieve maximum properties. It conforms to ASTM C-309.81, Type 2 and BS 7542.

Characteristics

Colour	Metallic Aluminium	Theoretical Coverage, Ltr/m ² (Depending upon the surface, wind and temperature condition)	0.120 to 0.240
Specific Gravity kg/L	0.81 ± 0.05		
Water Retention	> 90	Drying Time, @ 25 °C, hr	2
Efficiency Index, %			

Application

- Highways.
- Runways and Taxi ways.
- Aprons and hard standings.
- Roof decks.
- Retaining walls and columns.
- Canal.

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

- Clean the surface and ensure that the surface is free of standing water. Remove any sealer or laitance other material that may prevent absorption of the **ShaliCure® AL**.
- In case of old concrete, surface must be clean and dry. Remove contaminants and stains such as waxes, grease and oil with strong soaps or caustics rather than acids. Badly worn or porous areas may need a second application to attain a uniform seal and surface gloss. **ShaliCure® AL** may be placed on top of a previous coat of the same product. The surface must be clean and dry for proper adhesion.
- Apply **ShaliCure® AL** without any dilution directly from the container at a uniform coverage by spray or roller application. Product may applied by low pressure spray, roller or soft brush. If roller applied, use a short napped, solvent resistant sleeve.
- Allow **ShaliCure® AL** to dry 4-6 hrs before exposure to traffic.
- Do not apply to concrete surfaces at ambient temperature below 4 °C. Warm material to a minimum temperature of 10 °C before use.
- **Do not apply:-**
 - Over bleed water or free standing water.
 - Over concrete to receive concrete toppings, epoxy, or urethane based coatings or adhesives.

- For best cure of freshly placed concrete, apply **ShaliCure® AL** as soon as possible after finishing operations and / or immediately after the disappearance of the “sheen” of surface moisture.

Cleaning & Maintenance

Clean tools and equipment with water before the material hardens.

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 the 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

12 months in original unopened sealed condition.



Advisory Cell
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