

ALEXCURE SB-SILVER



Hydrocarbon Resin Solvent-Based Curing Compound for Concrete

Description

ALEXCURE SB-SILVER is a liquid curing compound based on hydrocarbon resin in a solvent carrier for freshly laid concrete. It is ready for preventing water loss in concrete. It is ready to use and suitable for spray application to freshly poured concrete . It is clear silver liquid that dries to a transparent film on the concrete surface, preventing the evaporation, this lead to full hydration of cement, eliminating the reason of shrinkage and improve the physical and mechanical properties for concrete.

Uses

Suitable for use on all concrete surfaces:

- In large areas of exposed concrete (Concrete slabs, air ways, bridges, retaining Walls, Prestressed concrete....etc).
- In high-rise construction to eliminate the requirement for water .
- Surface subject to finishing treatments.

Advantages

- High curing efficiency
- Reduced labor costs
- Reduced chloride penetration
- Reduced plastic cracking and shrinkage
- Eliminates the need for water
- Provide aluminized which will provide a silver dry film used where light reflectance required for minimizing heat absorption.

Properties

| | |
|------------------|----------------|
| Appearance | Silver |
| Specific gravity | 0.86 at 25°c |
| Drying time | 90 min at 20°c |

Standard:

ASTM C-309 Type 2
AASHTO M-148 Type 2

Break down:

Need to remove automatically if needed over coat.

Guide to application

Application:

ALEXCURE SB-SILVER should be spray applied to the surface of newly laid concrete. The compound should be applied as soon as possible after the concrete is free from surface water between (1-2) hours depending on temperature for both climate and ambient temperature.

The nozzle of the spray should be held approximately 450 mm from the concrete surface or by hand operated recommended to use a gun for a uniform spray.

Coverage:

The rate of application is 0.18-0.2 lit/m²

Storage:

Freezing and prolonged exposure to direct heat or direct sunlight must be avoided.

Packing:

Is supplied in 210 lit drums, 1000 lit bulks.

Shelf life:

Up to 12 months if stored in unopened containers and shaded area.

Safety precautions:

- Avoid contact with eyes, mouth, and skin.
- Treat splashes to eyes
- Wear suitable protective clothing, gloves and eye/face protection, don't breathe vapour/spray.

Guarantee:

All precaution is taken in manufacture of each product to comply with the standard of each material.

The data sheet for each product for information only and may be corrected and no liability is accepted for it.

The results may have variation because the method of their use condition under which they are applied cannot be anticipated.

Technical Service:

For any technical advice for using the **ALEXCHEM** contact the technical office.

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