

SILOX-Cure

Wax Base Advanced Curing Compound Formula

DESCRIPTION

SILOX Cure is a white, wax based curing compound formulated to control moisture evaporation from freshly laid concrete. It forms a continuous thin film that helps maintain hydration, reduces cracking, and supports early-age strength. The formulation gives high protection under sun exposure in both interior and exterior applications

FEATURES & BENIFITS

Reduces shrinkage; retains moisture to reduce “plastic shrinkage cracks,,
Enhances performance; increases the compressive strength over uncured concrete.
Good reflectivity, Easy to spray Forms a continuous curing membrane

USAGES & APPLICATIONS

- All concrete works
- Concrete pavement
- Exterior commercial projects, such as highways, airport runways, concrete lined canals dams.
- Concrete slabs when applied to the sub-base.

Physical & chemical properties

| | |
|-------------------|------------------------|
| Colour-base state | White, wax base liquid |
| Drying time | 120-150 min (lab test) |
| Curing efficiency | > 90% |
| density | 1±0.02 |
| Viscosity | 0.02 Pa·s |
| PH | 7-9 |
| Solid content | > 30% |



PROPERTIES

ASTM C-309, Type 2, Class A
AASHTO-M-148, Type 2, Class A



Coverage & consumption

Approx. 5 m² per litre
Low-pressure sprayer (≥280 kPa), or roller/brush
Timing After bleed water disappears and concrete is firm
Film Formation One uniform coat to achieve continuous coverage



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SAFETY

This product is not hazardous to the skin, in case of eye contact rinse immediately with fresh water.

STORAGE & SHELF LIFE

- Store sealed between 5°C – 49°C
- Keep away from heat, ignition sources, and direct sunlight
- Shelf Life: 12 months (unopened container)

