

Wax Base Advanced Curing Compound UV -Resistance

DESCRIPTION

SILOX CURE- UV is wax emulsion advanced cure based on selective ingredient polymers and wax materials that forming a continuous impermeable film on the surface of freshly poured concrete, significantly reducing water evaporation to achieving maximum strength and durability. Formulated with UV-resistant additives to maintain the integrity of the curing film under prolonged exposure to sunlight.

Uses

- Road Construction – Concrete Paving
- Industrial Floors
- various types of concrete need long-term performance.

Benefits & Advantages

- Reduces water loss by up to 80%, ensuring optimal hydration.
- Improves resistance to cracking, shrinkage, and environmental damage.
- Can be applied quickly and uniformly using spray equipment.
- Saves water and labor costs compared to ponding or covering methods.
- Suitable for various types of concrete, including high-strength and decorative concrete.
- UV-resistant more than 60%
- Effective in regions with extreme temperatures or low humidity

Physical & Chemical Data

Color	White liquid
Density	1.0±0.05
Ph	10±2
Solid content	>30%
Base	Wax Base
Drying time	90-150 min (depends on weather conditions)
Light reflectance	>60%

Properties & Standard

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

Coverage & Consumption

Approx.5m2 per litre depends on surface and weather conditions.

Spray it evenly over the finished surface as soon as bleed water disappears, using a hand sprayer or power sprayer with a fan-tip nozzle for best results, especially on large areas.

Packing

Available in can 20 lit, drum 200 lit and IBC 1000 Liter.



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Timing to apply

Timing:

Apply the curing compound normally in the first hour after finishing the concrete surface (brooming).

Environmental Consideration:

apply quickly in hot or windy conditions to prevent premature.

Effective application leads to stronger concrete structure especially in large projects.

Safety

This product is no hazardous to the skin, in case of eye contact rinse immediately with fresh water and follow the medical instructions.

Wear PPE: gloves, apron, safety glasses during the application.

Storage & Shelf life

Store sealed between 5°C – 45°C Keep away from heat, ignition sources, and direct sunlight.

Environmental Information

Avoid discharge into drains or waterways, not environmentally hazardous but should be disposed of responsibly.



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