TECHNICAL DATA SHEET

CURE SHIELD

One-Step Cure & Seal Containing Silane

DESCRIPTION

Cure Shield is a solvent-based blend of silane and pure acrylic copolymers designed to cure and seal fresh concrete and provide additional protection to existing concrete.

Cure Shield provides a non-yellowing, clear film that effectively cures and protects fresh concrete.

In addition to forming an effective film-forming curing and sealing compound, it also contains silane. Silane penetrates the fresh concrete and provides protection against spalling and deterioration of concrete structures caused by deicing salts.

Cure Shield can be applied to fresh concrete, unlike other siloxane and silane products, and also meets ASTM C309 and C1315 curing standards. Cure Shield penetrates the surface and bonds directly with the substrate, resulting in a surface that is highly resistant to moisture and salt.

MIXING INSTRUCTIONS

Ready to use. Do not dilute.

APPLICATION

Apply with a sprayer or roller in a uniform thin film; spray apply for best results. Apply a single coat uniformly and do not allow to puddle. Apply in accordance with recommended coverage rates. On broom or rough-finished concrete, increase the coverage rate to compensate for the added surface area. Coverage may vary due to porosity and conditions of the concrete.

New Concrete: Cure Shield should be applied as soon as the surface water has disappeared and the concrete surface will not be marred by the walking applicator. At this point, apply in a uniform coat, leaving no gaps. Do not allow the material to puddle.

Existing Concrete: The concrete surface must be clean, dry or damp, and free of all stains, oil, grease, dirt and other contaminants that can prevent adhesion or penetration of Cure Shield. An application of Cure Shield will renovate existing concrete surfaces. These surfaces will be brighter and easier to clean and maintain.

COMPLIANCE/STANDARDS

- Meets ASTM C309/C1315, Type 1, Class A curing standards
- Cure Shield meets VOC emission requirements for curing and sealing compounds (EPA limit < 700 g/L)

COVERAGE

Application	sq ft/gal	m^2/L
Curing fresh concrete	200–250	4.9–6.1
Existing concrete	200–300	4.9–7.4

PACKAGING

55-gallon drums (208 L)

5-gallon pails (18.9 L)

SHELF LIFE

Shelf life of Cure Shield in the original, tightly closed containers is two years from the date of manufacture. Do not allow the accumulation of water, dirt or other contaminants.

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LIMITATIONS

- Does not provide a base for cementitious materials.
- Not for use in fountains or pools.
- When used over colored concrete, Cure Shield may enhance color variation or imperfections. Prepare a test panel to ensure acceptable results.
- Application temperature above 40 °F and rising is recommended.
- Rubber-wheeled vehicles may leave black marks.
- Contact SpecChem Technical Services for complete application instructions and limitations.

PRECAUTIONS

DO NOT CUT OR WELD CONTAINER

INDUSTRIAL USE ONLY

Additional precautions, safety information and first aid are contained in the Safety Data Sheet (SDS).

DO NOT EXPOSE TO OR APPLY NEAR FIRE OR FLAMES. FOR WELL-VENTILATED OR EXTERIOR USE ONLY.

WARRANTY

NOTICE – READ CAREFULLY

CONDITIONS OF SALE

SpecChem offers this product for sale subject to and limited by the warranty which may only be varied by written agreement of a duly authorized corporate officer of SpecChem. No other representative of or for SpecChem is authorized to grant any warranty or to waive limitation of liability set forth below.

WARRANTY LIMITATION

SpecChem warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, SpecChem will replace the defective product with new product without charge to the purchaser. SpecChem makes no other warranty, either expressed or implied, concerning this product. There is no warranty of merchantability. NO CLAIM OF ANY KIND SHALL BE GREATER THAN THE PURCHASE PRICE OF THE PRODUCT IN RESPECT OF WHICH DAMAGES ARE CLAIMED.

INHERENT RISK

Purchaser assumes all risk associated with the use or application of the product.

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