T E C H N I C A L D A T A

CURESHIELD

One step Cure & Seal containing Silane

DESCRIPTION

CURESHIELD 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.
CURESHIELD provides a non yellowing, clear film which 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.
CURESHIELD can be applied to fresh concrete unlike other siloxane, silane type products and also meets ASTM C-309 and 1315 curing standards.
CURESHIELD penetrates the surface and bonds directly with the substrate, which results in a surface that is highly resistant to moisture and salt.

APPLICATION

Coverage: Ready to use. Do not dilute. Apply with a sprayer or roller in 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.

Curing Fresh Concrete:	200 – 250 sq ft / gal
Aged concrete:	200 – 300 sq ft / gal

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: CURESHIELD 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: 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 the CureShield
An application of CURESHIELD will renovate existing concrete surfaces. These surfaces will be brighter and easier to clean and maintain.

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STANDARDS

Meets ASTM C 309 and 1315 curing standards, CURESHIELD meets V.O.C. emission requirements for curing and sealing compounds (EPA limit < 700 g/L).

PACKAGING

CURESHIELD is available in 55 gallon drums and 5 gallon pails.

SHELF LIFE

Shelf life of CURESHIELD 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.

LIMITATIONS/PRECAUTIONS

- Does not provide a base for cementitious materials.
- Not for use in fountains or pools.
- When used over colored concrete, CURESHIELD may enhance color variation or imperfections. Prepare a test panel to ensure acceptable results.
- Rubber wheeled vehicles may leave black marks.
- Contact SpecChem Technical Services for complete application instructions and limitations.
- DO NOT CUT OR WELD CONTAINER
- KEEP AWAY FROM OPEN FLAME
- INDUSTRIAL USE ONLY
- Additional precautions, safety information and first aid are contained in the Material Safety Data Sheet.

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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