

# E-CURE

Water-Based Concrete Curing Compound



## DESCRIPTION

E-Cure is a leading edge technology, clear concrete curing compound that was developed to cure concrete as well as resolve compatibility issues related to flooring adhesives. E-Cure is a spray applied concrete cure, hardener and dustproof. E-Cure penetrates and forms a temporary membrane to cure, densify, harden and dustproof concrete essential for proper strength development. **E-Cure meets the moisture retention of ASTM C309 Type 1D, Class A & B on hard-troweled concrete surfaces. May contribute to LEED credits.**

- Non-yellowing, does not alter natural color of concrete
- Non-flammable/odorless/VOC Compliant
- Will not inhibit adhesion of secondary coatings, topping, or adhesives designed for concrete
- Cure membrane dissipates in 3 - 5 days
- Resists acids, oils, greases, salts and tire marks
- USDA accepted
- Certified for use to cure potable water structures
- Contains 0 VOC's
- Tested and certified to the performance requirements of NSF/ANSI 61
- Independently adhesion tested compliant with thin-set mortar and VCT by Tile Council of NA

## APPLICATION

### COVERAGE

Curing, Hardening and Dustproofing:

Hard Troweled Finish:	600-800 sq ft / gal
Broom or Float Finish:	300-400 sq ft / gal
Rough Finish:	200-300 sq ft / gal
Vertical Surface:	400-500 sq ft / gal

The above rates are approximate. Exact coverage depends upon the porosity of the concrete as well as the job requirements.

**Extend application rate to 1000 sq-ft per gal with the use of a micro-fiber applicator on extremely hard trowelled, burnished concrete floors (ie Wal-Mart, Kohl's Projects)**

Apply immediately after final finishing operations and after the bleed water had receded. The use of a micro-fiber applicator will aid when applying at 800-1000 sq-ft per gal.

Over application and puddling may leave white crystals, which must be removed immediately by flushing the surface with water, scrubbing and squeegee clean.

Properly applied, cure membrane will dissipate in 3 to 5 days allowing secondary coatings or treatments to proceed.

May be applied with sprayer, brush or roller. Spraying provides superior results. Application temperatures 40°F to 90°F.

Protect metal, glass, painted and brick surfaces from E-Cure. If accidentally misapplied, wash with clean water at once.

## STANDARDS

Tested per CDPH Standard Method V 1.2-2017 and complies with all LEED V.4 Requirements.

Adhesion tested by TCNA (Tile Council) for compliance with thin-set mortar and vinyl tile adhesive.

Meets the moisture retention of ASTM C 309 Type 1D, Class A & B on a hard troweled concrete surface.

## PACKAGING

E-Cure is available in 55 gallon drums and 5 gallon pails.

## SHELF LIFE

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

## LIMITATIONS

**Protect from freezing.** Follow the paint, coating or adhesive manufactures recommendation for the number of days for the fresh concrete to cure. Also the manufactures surface preparation instructions must be followed to achieve proper adhesion. Avoid contact with glass, aluminum, or other glazed or finished surfaces. Where contact has occurred, immediately wipe with a damp cloth or flush with water.

## PRECAUTIONS

### INDUSTRIAL USE ONLY

**AVOID PROLONGED CONTACT WITH SKIN**

Additional precautions, safety information and first aid are contained in the SDS (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.**

### INHERIT RISK

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



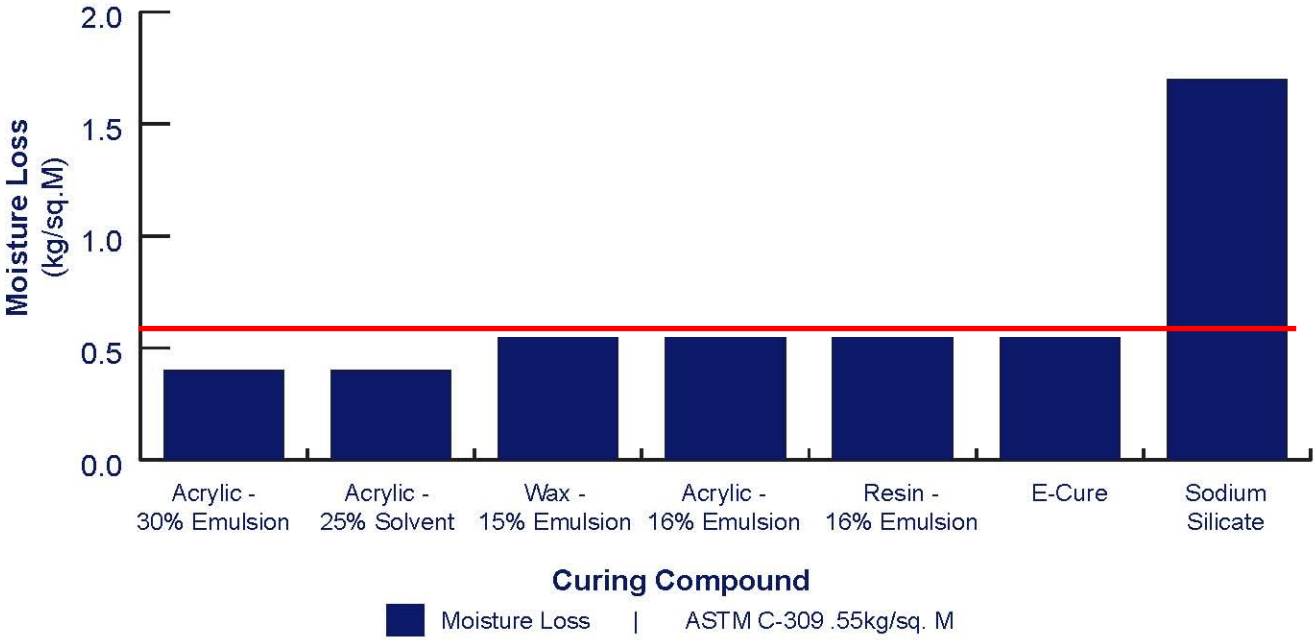
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# MOISTURE RETENTION CHART

Moisture Loss of Concrete Curing Compounds:  
(Applied @ 200 sq. ft./gal.; measured 72 hours after application)



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