

## CURING, SEALING, HARDENING & DUSTPROOFING

### DESCRIPTION

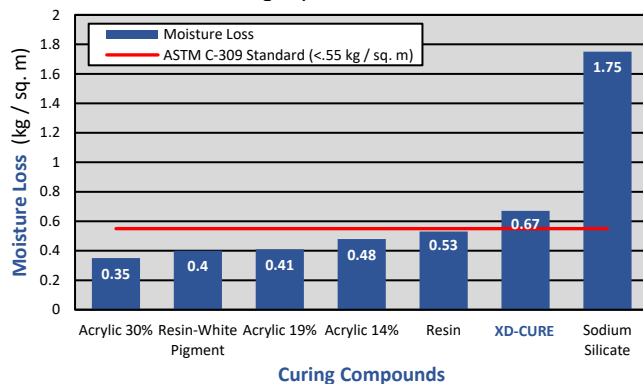
E-Chem XD-CURE is a clear, odorless, water-based concrete curing compound that is formulated to ensure proper concrete strength development, help prevent shrinkage cracks, and leave a bondable surface for further coatings, treatments or flooring materials.

### APPLICATIONS

This ready-to-use, non-staining, membrane-forming cure is spray-applied on freshly placed concrete to help control moisture retention for proper cement hydration during the critical curing period.

### ADVANTAGES

- Environmentally safe
- Non-flammable, odorless
- Penetrates to aid curing
- Helps prevent plastic shrinkage cracks
- Dustproofs interior and exterior surfaces
- Does not need to be removed prior to the application of subsequent sealers, paints, adhesives, flooring materials, waterproofing, etc.
- Provides contractors, architects, engineers and owners with a simple solution to compatibility and discoloration issues
- Moisture loss of 0.67 kg/sq. m



### COMPLIANCES

- NSF/ANSI Standard 61 (NSF-61) approved for Drinking Water System Components
- VOC compliant, 0 g/L
- May contribute to LEED credits
- Transportation within the United States is non-regulated by the DOT

### PACKAGING

5-gallon pail

**Appearance:** Clear as both a liquid and once dry

**Shelf Life:** 2 years in original unopened container

**Storage:** 40°F to 95°F using tightly sealed original container in a cool and dry area. Protect from freezing.

### COVERAGE

Broom Finish: 200-400 sq. ft. / gal.

Smooth Finish: 400-600 sq. ft. / gal.

Vertical Surface: 400-500 sq. ft. / gal.

\*Texture and absorption characteristics of the surface will dictate final coverage rates

### CURE TIME

- Dry Time (To Touch): 15-20 minutes
- Dry Time (Light Foot Traffic): 1-2 hours
- Dry Time (Normal Traffic): 4 hours

### INSTALLATION

**Preparation:** Clean application equipment thoroughly prior to use. Recommended application equipment includes either a power sprayer or manual sprayer, which is equipped with a fan spray tip (#8003 - #8005) that produces a flow of 0.3 to 0.5 gallons per minute under 40 psi of pressure. Application of curing compound is not recommended when temperature is below 40°F. Concrete surface may be dry or damp at time of application. Do not apply over puddled water.

**Mixing:** Agitate E-Chem XD-CURE prior to pouring out of container.

**Placement:** For horizontal applications, immediately apply E-Chem XD-CURE after all surface water has disappeared and the concrete surface is hard enough to walk on. For vertical applications, apply immediately after removing the concrete forms. Apply in a uniform and continuous manner, according to the coverage rates listed. Try to avoid spraying in windy conditions, but if necessary, the use of a wind screen in front of the work area will aid in obtaining a uniform application. Avoid over-application or puddling of curing compound.

E-Chem XD-CURE does not prevent the adhesion or penetration of subsequent treatments, coatings or flooring materials. Wait a minimum of 72 hours after application of E-Chem XD-CURE prior to applying subsequent materials. Prior to application of subsequent treatments, coatings, or flooring materials, always follow the instructions from the manufacturer of those materials.

### LIMITATIONS

- For professional use only
- Do not thin with solvents. Do not dilute or alter in any way.
- Must be agitated prior to use
- Substrate temperature should be a minimum of 40°F.
- Do not allow material to freeze. Store above 40°F.
- Do not allow material to contact metal, aluminum, glass or painted surfaces.
- May not be suitable for some colored concrete applications. Always perform a small test or mock-up.
- Consult E-Chem representative when mixing or placing outside of the temperature recommendations listed.

### CLEAN UP

E-Chem XD-CURE may be cleaned from equipment using soap and warm water. If material is accidentally sprayed on metal, aluminum, glass or painted surfaces, rinse immediately with water.

### CAUTIONS

#### READ SDS PRIOR TO USING PRODUCT!

- Irritant
- Use of safety goggles and chemical resistant gloves are recommended.

### **CURING, SEALING, HARDENING & DUSTPROOFING**

- Use in a well-ventilated area and avoid breathing vapors
- Use of a NIOSH/MSHA organic vapor respirator is recommended if ventilation is inadequate.
- Avoid skin contact
- Do not take internally
- Keep out of reach of children

#### **FIRST AID**

**EYE CONTACT:** Flush immediately with water for at least 15 minutes. Contact physician immediately.

**RESPIRATORY CONTACT:** Remove person to fresh air.

**SKIN CONTACT:** Remove any contaminated clothing.

Remove epoxy immediately with a dry cloth or paper towel. Solvents should not be used as they carry the irritant into the skin. Wash skin thoroughly with soap and water.

**IF INGESTED:** Do not induce vomiting. If swallowed give water to drink. Seek medical treatment immediately.

**GENERAL:** Remove contaminated soaked clothing immediately. In the event of persistent symptoms receive medical treatment.

#### **WARRANTY**

This product is warranted and guaranteed to be of good quality. Manufacturer, as its sole and exclusive liability hereunder, will replace material if proved defective. This warranty and guarantee are expressly in lieu of all others, express or implied, including any implied warranty of merchantability or fitness for a particular purpose and may not be extended by representatives or any persons, written sales information, or drawing in any manner whatsoever. While the manufacturer recommends uses for the product based on tests believed reliable, no warranties, express or implied, or guarantees can be given as to particular methods of use or application, nor can performance be warranted, expressly or impliedly, or guaranteed under special conditions. Distributors, salespersons or company representatives are not authorized to extend or vary any warranties or guarantees beyond those outlined herein, nor may the manufacturer's or seller's limitation of liability be waived or altered in any manner whatsoever.