

# Harden X Cure™

## Lithium Cure/Hardener/Sealer/Densifier



LEED® EQ Credit 4.1: Low Emitting Materials: Adhesives & Sealants

## PRODUCT DESCRIPTION

**Harden X Cure™** is a clear, water-based, cure, hardener, and densifier, that increases moisture retention at the time of placement. **Harden X Cure™** is an environmentally friendly compound that contains no solvents and has a VOC content that is compliant in all areas of the United States. A single component material that creates a stronger, more abrasion resistant surface compared to densification 28 days after pour. **Harden X Cure™** will stand up to commercial and industrial floors that are looking for long-term protection against moisture, dirt, abuse, and heavy wear.

## USES

**Harden X Cure's** unique single component lithium formulation is applied to newly poured slabs immediately after the finishing process. **Harden X Cure™** will significantly retain the moisture that can evaporate from the concrete, at the same time allowing the lithium silicate formulation to penetrate and react with the free lime to enhance both the curing and hardening characteristics. The unique chemistry also eliminates the need for expensive and hard to remove materials

## ADVANTAGES

- Unique Technology - Cure, Hardens, and Densifies in a single application immediately after finish
- Ease of Application - Easy 1 step application, and material is a single component and ready to use
- Cost Effective - Reducing the costs associated with curing compound removal
- Enhanced Performance - Minimizes shrinkage, dusting and cracking, while also improving resistance to chemicals, oils, salts, and abrasion during construction
- Environmentally Safe - Low VOCs, odorless

## PHYSICAL PROPERTIES

Form:	Clear, pale light green, water-based solution
Total Solids:	20%
Active Ingredients:	100% of total solids
Specific Gravity:	1.11
pH Level:	11.0
Flash Point:	N/A
VOC Content:	< 50 grams/L, 0 lb/gal, or 0 g/L per gallon
Freeze Point:	32° F (0° C)
Slip Resistance:	Does not change floor friction coefficient

## PACKAGING

- 55 Gallon Drums (drum containers filled by weight, volume is closely approximate)
- 5 Gallon Pails

## MIXING

**Harden X Cure™** is a single component product. Shake or stir for 1-2 minutes prior to use.

## APPLICATION METHOD/COVERAGE RATE

The use of a Certified Applicator is required for all national accounts. Please see separate application instruction document for complete application information. **Harden X Cure™** may be applied by HPLV, pump-up, airless, backpack, or mechanical sprayer; roller, or brush at these approximately 400-500 sq/ft per gallon (10-12 m<sup>2</sup>/liter). Rate will vary depending on surface porosity.

## DRYING TIME

Dries in 1-2 hours and is ready for traffic as soon as the surface is dry.

## SHELF LIFE

**Harden X Cure™** may be stored for up to one year in unopened, factory-sealed containers under normal storage conditions of 55°-95° F.

## SAFETY

- Read Material Safety Data Sheet before using
- Keep out of reach of children
- Protect from freezing
- Wear safety glasses and rubber gloves
- Do not apply to soft metals
- Do not apply to glass

## WARRANTY

SealSource® International LLC, will refund the price of or replace, at its election, product it finds to be defective provided the product has been used properly. Except as expressly stated above, the Company makes no warranty of merchantability and no warranty of fitness for any particular purpose, nor does it make any warranty, expressed or implied, of any nature whatsoever with respect to the product or its use. In no event shall the company be liable for delay caused by defects, for loss of use, for indirect, special or consequential damages, or for any charges or expenses of any nature incurred without its written consent.