



# LithoHard™

Sealer, Hardener, Dustproofer

- **20-YEAR DUSTPROOF WARRANTY**
- **CONTROLS ALKALINITY**
- **UL GREENGUARD®**
- **REDUCES PERMEABILITY**

## PRODUCT DESCRIPTION

**SINAK LithoHard™** is the latest advancement in lithium technology for sealing, hardening and dustproofing new and existing concrete. The proprietary formulation and chemical sequencing of **LithoHard™** allows for early application to concrete in as little as five days after placement. The ultra-environmentally friendly formula eliminates rinsing and costly disposal of caustic waste water.

The chemistry of **LithoHard™** does not require free calcium to react which allows for early application. **LithoHard™** is a ready to use, zero-VOC concrete densifier that outperforms all traditional sodium, lithium, potassium and magnesium fluosilicate products.

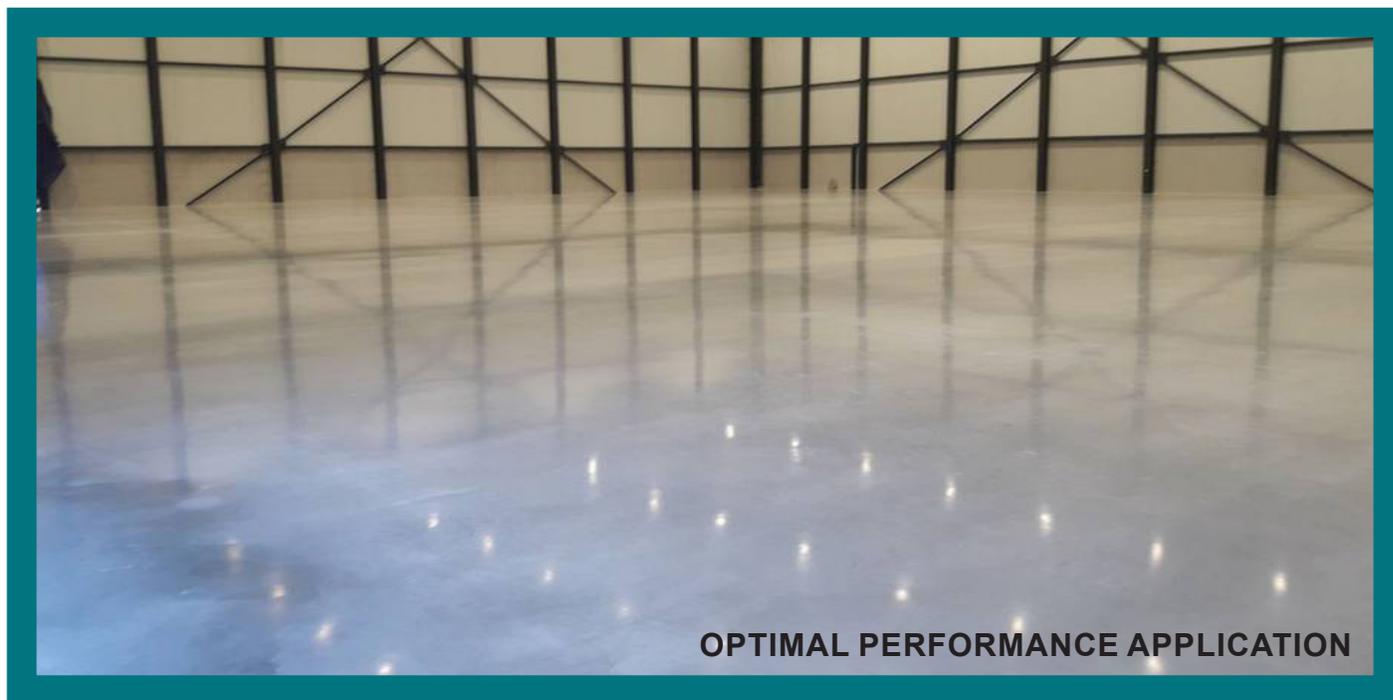
**LithoHard™** is a permanent penetrating sealer that hardens and dustproofs new and existing concrete. **LithoHard™** continues to shine with time and continued use. **LithoHard™** provides increased slip resistance, both wet and dry and can be used on colored concrete. SINAK warrants, that when properly installed according to manufacturers written instructions, substrate will remain hardened and dustproof for up to 20 years.

## ADVANTAGES:

- Fast track project
- One coat application
- Superior abrasion resistance over traditional treatments
- Improved slip resistance
- Ready to use formulation, no dilution required

## USES:

- Medical Facilities
- Commercial
- Schools
- Warehouse Distribution
- Storage Facility
- Tilt up
- Data Storage
- Restaurant
- Government
- Big Box



OPTIMAL PERFORMANCE APPLICATION



## APPLICABLE STANDARDS

**ASTM C-1028:** Exceeds 3-day water cure

**ASTM C-944:** Exceeds 3-day water cure

**ASTM C-805:** Exceeds 3-day water cure

**ASTM D-3359:** Exceeds 3-day water cure

## INSTALLATION

Concrete shall be cured with a seven day water cure or Curing Agent: Water Replacement Type. For optimal performance and accelerated project applications, cure with **SINAK LithiumCure 2000™** and apply **LithoHard™** after 5 days.

1. Protect objects and non-concrete areas from spillage or overspray.
2. Apply **LithoHard™** in one (1) coat, uniformly wetting the surface with a power or tank-type sprayer.
3. Drying time will vary from 10 to 30 minutes depending on temperature and environment.  
**NOTE:** "Dry" means dry to the touch.
4. Do not allow material to puddle.
5. Clean all equipment by rinsing with water.

## Interrupted Applications

If the application should be interrupted by rain, mark the place of interruption and continue application as soon as weather permits. Return to the place of interruption, following all the installation procedures as if there were no break in the installation.

## Cold Weather Applications

In cold weather, but not lower than 35°F and rising, application and drying will be extended. **DO NOT** apply below 35°F. If the temperature is expected to drop below 32°F, cover treated areas with thermal blankets.

## Coverage Rates

Coverage rate: in conjunction with **SINAK LithiumCure 2000** 800-900 sq ft per gallon

Coverage rate: for use with a seven day water cure 400-450 sq ft per gallon

## Precautions

Do not allow **LithoHard™** to come into contact with any glass, metal or painted surfaces. Sealer left to dry on the surface may result in streaking, whitening or staining. Immediately wipe contaminated surfaces with a clean water-saturated cloth, then wipe dry with a second clean cloth. If material has dried on any of the referenced surfaces, contact SINAK Corporation.

## STORAGE AND HANDLING

**LithoHard™** has an indefinite shelf-life when stored in a cool dry area out of direct sunlight. Must be kept in tightly secured containers to prevent evaporation and contamination. Product that has frozen will not function as intended and should be discarded.

## AVAILABILITY

**LithoHard™** is available in 5-gallon plastic pails, 55-gallon drums and 275-gallon totes.

## WARRANTY

SINAK Corporation warrants its products to be of the highest quality. SINAK Corporation warrants, that when properly installed according to manufacturers written instructions, substrate will remain hardened and dustproof for up to 20 years. Since application of the product is a crucial factor in obtaining satisfactory results, and is beyond the control of SINAK Corporation, refund of purchase price or replacement of product shall constitute the limit of SINAK Corporation's liability. SINAK Corporation makes no other warranties, express or implied, with respect to the products or any service and disclaims all other warranties, including any warranty of merchantability and fitness for a particular purpose. This limited warranty may not be modified by representatives of SINAK Corporation, its distributors or dealers.

## TECHNICAL ASSISTANCE

Technical assistance is available from the manufacturer.



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