PRODUCT DESCRIPTION

SINAK LithoHard™ is the latest advancement in lithium technology to densify, harden, and dustproof 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 environmentally friendly formula eliminates scrubbing, rinsing, and costly disposal of caustic wastewater.

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

LithoHard™ is a permanent penetrating densifier that hardens and dustproofs new and existing concrete. LithoHard™ continues to shine with time and sustained use. LithoHard™ provides increased slip resistance and can be used on colored concrete. SINAK Corporation warrants, that when properly installed according to the manufacturer's written instructions, the concrete substrate will remain hardened and dustproof for more than 20 years.

ADVANTAGES

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

WHERE TO USE LITHOHARD™

- MEDICAL FACILITIES
- COMMERCIAL
- SCHOOLS
- WAREHOUSE/DISTRIBUTION
- STORAGE FACILITIES
- TILT UP
- DATA STORAGE
- RESTAURANTS
- GOVERNMENT
- BIG BOX
COMPOSITION & MATERIALS

LithoHard™ is a proprietary water-based lithium compound in solution. LithoHard™ requires no mixing, diluting or agitation. Color: Water clear; Toxicity: Non-toxic; VOC: Contains no volatile organic compounds or solvents.

TESTING

<table>
<thead>
<tr>
<th>Standard</th>
<th>Description</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTM C-1028</td>
<td>(Static Coefficient of Friction)</td>
<td>Dry 24% Improvement over untreated sample</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Wet 36% Improvement over untreated sample</td>
</tr>
<tr>
<td>ASTM C-944</td>
<td>(Abrasion Resistance)</td>
<td>-52% Improvement over untreated sample</td>
</tr>
<tr>
<td>ASTM C-805</td>
<td>(Schmidt Hammer Test)</td>
<td>-11% Improvement over untreated sample</td>
</tr>
<tr>
<td>ASTM D-3359</td>
<td>(Adhesion)</td>
<td>Treated: No Bond Failure</td>
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<tr>
<td></td>
<td></td>
<td>Untreated: Coating and Substrate Failure</td>
</tr>
</tbody>
</table>

INSTALLATION

Installation should be continuous. Concrete shall be cured with a SINAK Curing Agent, Water-Cure Equivalent Type or seven day water cure. For optimal performance and accelerated project applications, cure with LithiumCure 2000™ and apply LithoHard™ after 5 days. On existing concrete a mock-up is recommended to test for contaminants and film forming membranes.

1. Protect objects and areas not to be treated from spillage or overspray.
2. Apply LithoHard™ in one (1) coat, uniformly wetting the surface with an airless 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 with warm soapy water.

INTERRUPTED INSTALLATION

If the application should be interrupted by rain, mark the place of interruption and continue the application as soon as weather permits.

COLD WEATHER INSTALLATION

In cold weather, but not lower than 34°F (1°C) and rising, the application and drying time will be extended. DO NOT apply below 34°F (1°C). If the temperature is expected to drop below 32°F (0°C), cover treated areas with thermal blankets. Contact SINAK Corporation for additional information.

PRECAUTIONS

Do not allow LithoHard™ to come into contact with any glass, metal, or painted surfaces.

LithoHard™ left to dry on the surface may result in streaking, whiting, or staining. Immediately wipe affected surfaces with a clean water-saturated cloth, then wipe dry with a second clean cloth. For questions regarding LithoHard™ Contact SINAK Corporation.

COVERAGE RATES

(Subject to surface finish)

One-coat coverage rate for use with a seven day water cure is 400-450 sq ft per gallon (10-11 sq m per liter).

STORAGE & 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. LithoHard™ must be protected from freezing. Product that has frozen will not function as intended and should be discarded.

AVAILABILITY

LithoHard™ is available in 5-gallon (18.9-liter) pails, 55-gallon (208.2-liter) drums and 275-gallon (1041-liter) totes from selected distributors.

TECHNICAL ASSISTANCE

Technical assistance is available from the manufacturer.

WARRANTY

SINAK Corporation warrants its products to be free from manufacturing defects and to meet the technical properties on the current product information sheet. To the maximum extent permitted by law, this express warranty and the remedies specified below are exclusive and in lieu of all other warranties and remedies. Any implied warranties including without limitation implied warranties of merchantability and fitness for a particular purpose are excluded. SINAK Corporation’s liability under this product warranty shall be limited to a refund of purchase price or replacement of the product. SINAK Corporation shall have no liability for any loss of use, interruption of business, lost profits or goodwill, or for any special, incidental or consequential damages of any kind arising from the purchase or use of the warranted product, even if SINAK Corporation has been advised of the possibility of such loss, interruption or damage. This limited warranty may not be modified by representatives of SINAK Corporation, it’s distributors or dealers. Any claim made under this warranty must be made within one (1) year of the date of purchase and shall be accompanied by any reports or test results that form the basis of the warranty claim. Prior to settlement of a warranty claim, SINAK Corporation shall have the right, but not the obligation, to conduct site inspections and perform tests pertaining to the customer’s warranted product and it’s manner of use.