



SINAK
SUSTAINABLE BUILDING SOLUTIONS



HLO-125™

CONCRETE SEALER

SINAK HLO-125™ is a permanent penetrating sealer formulated to waterproof, protect, and preserve concrete even in the most adverse environments. Concrete treated with HLO-125™ is protected against water penetration, chloride intrusion, efflorescence, algae growth, and staining from food, oil, and chemicals.



FEATURES & BENEFITS

- PERMANENT WATERPROOFING
- CONTROLS EFFLORESCENCE
- IMPROVES STAIN RESISTANCE
- IMPROVES ABRASION RESISTANCE
- UL GREENGUARD GOLD CERTIFIED

HLO-125™ creates a protective barrier within the concrete that cannot be removed chemically or physically, and there is no surface coating or film that can be worn or weathered away. HLO-125™ retains the natural appearance of the substrate. HLO-125™ is ideal for interior and exterior applications that are expected to receive heavy pedestrian or vehicular traffic. HLO-125™ treats surfaces that require the highest level of concrete waterproofing protection from moisture and moisture vapor. Concrete treated with HLO-125™ is compatible with all crack repair, surface patching, and coating materials.

SINAK HLO-125™ is non-toxic, contains no VOCs or solvents, and is listed as UL GREENGUARD Gold Certified and super compliant with SCAQMD. HLO-125™ requires no mixing, diluting, or agitating.



WHERE TO USE HLO-125™

- COLORED CONCRETE
- EXPOSED AGGREGATE
- CARBONATED CONCRETE
- STRUCTURAL CONCRETE
- BELOW GRADE
- STRUCTURES

SUSTAINABLE DESIGN REQUIREMENTS

- Zero-VOCs
- UL 2818 Gold - GREENGUARD® Certified.
- Listed as Super-Compliant by the South Coast Air Quality Management District (SCAQMD).
- Exceeds the regulatory limits in the SCAQMD Rule 1113.
- Meets the requirements to contribute for LEED credit in the following areas: EQ Credit 1.0, 4.1 and 4.3, EQ Credit 10 3.1, MR Credit 5.1 and 5.2

TECHNICAL DATA

ASTM C-241 (Abrasion Resistance)

- Untreated: 4.19
- Treated: 11.00

ASTM C-944-12 (Abrasion Resistance)

27% Improvement over Untreated Sample

DRY TIME: @70°F/50% Humidity: 20 Minutes

FOOT TRAFFIC:

1 Hour upon completion of final coat

VEHICULAR TRAFFIC:

2 Hours upon completion of final coat

INSTALLATION

Installation should be continuous. Apply a small test area to confirm penetration. Remove all coatings or substances that could interfere with absorption before application (e.g. curing compounds, coatings, sealants, dirt, surface oil, efflorescence, paint, and standing water). If rain should occur at any time during this process, see 'Interrupted Installation' at the end of this section.

1. Protect objects and areas not to be treated from spillage or overspray.
2. Lightly apply first coat of HLQ-125™ uniformly wetting the surface with an airless or tank-type sprayer. DO NOT allow HLQ-125™ to puddle or flood the surface.
3. Immediately after the first coat is dry, apply a second coat. To expedite the process the use of fans is encouraged for interior applications. Drying time will vary from 10 to 30 minutes depending on temperature and environment. NOTE: "Dry" means dry to the touch.
4. Multiple coats may be required. Areas that absorb sealer at a faster rate (dry spots) require additional applications.
5. STOP application if at any time a "sheen" or whiting is observed. If there is no sheen or whiting, repeat the application with light, even coats until the last coat dries significantly slower than the previous coats.

COVERAGE RATES (SUBJECT TO SURFACE FINISH)

Coverage rate is 100-200 sq ft per gallon (2-5 sq m per liter).

PRECAUTIONS

Do not allow HLQ-125™ to come into contact with any glass, metal, or painted surfaces. HLQ-125™ 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 HLQ-125™ contact SINAK.

INTERRUPTED INSTALLATION

If the application should be interrupted by rain, mark the place of interruption and continue the application as soon as weather permits. If the delay exceeds 4 hours contact SINAK immediately.

HOT WEATHER INSTALLATION

DO NOT apply HLQ-125™ on surfaces above 100 F (38 C).

COLD WEATHER INSTALLATION

DO NOT apply below 34 F (1 C). Allow ample time between coats for drying. Contact SINAK for additional information.

STORAGE & HANDLING

HLQ-125™ 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. HLQ-125™ MUST be protected from freezing. Product that has frozen will not function as intended and should be discarded.

AVAILABILITY

HLQ-125™ 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.

SINAK 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's liability under this product warranty shall be limited to a refund of purchase price or replacement of the product. SINAK 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 has been advised of the possibility of such loss, interruption or damage. This limited warranty may not be modified by representatives of SINAK, its distributors or dealers. Any claim made under this warranty must be made within one (1) year 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 shall have the right, but not the obligation, to conduct site inspections and perform tests pertaining to the customer's warranted product and its manner of use.