



HLQ-125

Concrete Sealer

- ✔ CONTRIBUTES TO LEED CREDITS
- ✔ CONTROLS ALKALINITY
- ✔ UL GREENGUARD® CERTIFIED
- ✔ REDUCES PERMEABILITY

PRODUCT DESCRIPTION:

SINAK HLQ-125™ is formulated to waterproof, protect, and preserve concrete; even in the most adverse environments. Concrete treated with **HLQ-125™** is harder and denser. Substrates are protected against water penetration, chloride intrusion, efflorescence, algae growth and staining from food, oil, and mild chemicals. **HLQ-125™** creates a protective barrier that cannot be removed chemically or physically, and there is no surface coating or film that can be worn or weathered away. **HLQ-125™** is ideal for treating surfaces prior to installing flooring, coatings, sealers, acid stains, dyes and other topically applied materials.

New Concrete:

For all cure processes including water cure, it is strongly recommended that the concrete be properly cleaned or prepared prior to installing **HLQ-125™**. Removal of curing agents may require a mechanical process, e.g., shotblast, planetary diamond grinder, etc.

Existing Concrete:

Be sure to remove any and all coatings, sealers, paint, adhesives, etc. prior to installing **HLQ-125™**. **HLQ-125™** is only effective when it is able to penetrate and react within the concrete.

Masonry:

Some types of porous masonry can greatly benefit from the use of **HLQ-125™**. Treated surfaces will be waterproof, non- friable, stain resistant and more durable in freeze/thaw environments while retaining a natural appearance.

For Use On:

- ✔ Colored Concrete
- ✔ Exposed Aggregate
- ✔ Carbonated Concrete

Benefits:

- ✔ Waterproofing
- ✔ Vapor & Alkalinity Control
- ✔ Stain Resistance
- ✔ Abrasion Resistance
- ✔ Efflorescence Control
- ✔ Algae & Fungi Control



Before HLQ-125



After HLQ-125



HLQ-125 Concrete Sealer

INSTALLATION

If possible, the application should be a continuous process from start to finish of the project. If for any reason the application is interrupted, mark the place of interruption, and continue at a later time as if no interruption had occurred.

1. Remove all coatings or substances that may prevent penetration of the sealer (e.g. curing agents, coatings, sealants, dirt, surface oil, efflorescence, paint and standing water). **DO NOT** use chemicals for removal of these materials.

2. Protect objects from overspray; especially glass, metals, ceramics, glazed tile and wood. Protect all windows, doorways, lights, etc. with polyethylene film, soap solution, or removable film forming protection. Should the sealer get on exposed glass or aluminum, immediately remove using a damp cloth. If the sealer is allowed to dry, it can be removed. Contact SINAK Corporation for details.

3. Apply sealer in light, even coats with a garden or airless sprayer. If using a sprayer, before use make sure the selected sprayer is completely clean of solvents and foreign materials. **DO NOT** apply sealer with a roller or in heavy coats. Porous surfaces will absorb significantly more sealer than dense surfaces. **CAREFULLY** follow the instructions below for the surface that pertains to your application.

4. Immediately clean all equipment by rinsing with water.

For All Surfaces:

Test a small area following the General Application Instructions to determine product suitability and coverage rate. In all cases apply only as much sealer as the surface will readily absorb. If additional coats are required, they may be applied after the previous coat is dry.

Note: "dry" means dry to the touch and the surface has returned to original color. Areas that absorb sealer at a faster rate (dry spots) require additional coats. **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 coat(s) until the last coat dries significantly slower than the previous coat(s).

For Dense Surfaces:

Dense surfaces will absorb sealer at a slower rate and drying time may vary between 5 and 10 minutes. If a light "sheen" or whiting is visible when the first coat is dry to the touch, **STOP APPLICATION**. If there is no sheen or whiting, repeat the application with light even coat(s) until the last coat dries significantly slower than the previous coat(s).

For Porous Surfaces:

Porous surfaces may absorb sealer at a rapid rate, and drying time may vary between 1 and 10 minutes. As soon as the first coat is dry, repeat the application with light even coat(s) until the last coat dries significantly slower than the previous coat(s). On some types of VERY porous surfaces, the sealer may continue penetrating even after 6 or 7 coats. In these cases, apply 8 coats in rapid succession; then allow the surface to dry for 2 to 3 hours; then apply another coat. This last coat should dry significantly slower than the previous coats, in which case, **STOP APPLICATION**. If not, repeat the application as before until the last coat does dry significantly slower than previous coat(s).

For New Concrete:

Apply sealer after concrete has cured for a minimum of 14 days.

WARNING: Excess sealer left to dry on the surface will result in a white scaly residue that may be difficult to remove, or that may interfere with the bonding of crack repair, patching, or surface coating materials. **DO NOT** allow sealer to puddle or "run" on the surface. Wipe excess with a damp cloth, or mop it up.

Hot Weather Application:

DO NOT apply in direct sunlight if the surface is hot to the touch (above 100° F).

Cold Weather Application:

Cooler temperatures cause sealer penetration at a slower rate. Allow ample time between coats for complete penetration until the surface is dry. **DO NOT** apply sealer in temperatures below 40° F; or if the temperature is expected to drop below 32° F within a 24-hour period. Do not apply if the surface temperature is below 40° F. Follow the General Application Instructions.

Outdoor Application:

Sealer may dry prematurely in breezy or windy conditions. Minimize overspray in breezes by holding spray nozzle closer to surface.

Coverage Rate:

General spread rate for **HLQ-125™** on all surfaces will be between 100-200 sq.ft./gal depending on permeability and environment (finished application). These figures are estimates and may vary since the SINAK Sealer formulas are true penetrants, and substrate and environmental conditions fluctuate. For additional information, contact the nearest distributor or SINAK Corporation.

Precautions:

Test a small area following the General Application Instructions to determine product suitability and coverage rate. **HLQ-125™** may adhere to unprotected glass, metals and glazed materials (e.g. glazed tile). If sealer should get on these materials.

Excess sealer left to dry on the surface may result in a white, scaly residue or glossy finish that may be difficult to remove, or that may interfere with the bonding of surface applied materials.

STORAGE AND 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 pails, 55-gallon drums and 275-gallon totes from selected distributors.

MAINTENANCE

After application, no special maintenance is required.

TECHNICAL ASSISTANCE

Technical assistance is available from manufacturer and trained field representatives.

LIMITED WARRANTY

SINAK Corporation warrants its products to be of the highest quality. 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.



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