

LT Concrete Seal

LT Concrete Seal provides fast-drying clear coat protection for improved dust control, excellent gloss, and enhanced durability under pedestrian and hand cart traffic. LT Concrete Seal makes floor cleaning easy, and it is part of the Hillyard Concrete Defense system. Hillyard Concrete Defense changes the way coatings are applied - delivering professional results without the cost of professional application. Traditional coatings, designed for in-house application, often fail because surface preparation is too complicated and labor intensive. Our proprietary primer-based system greatly simplifies prep work - eliminating typical steps like acid-etching, grinding and shot-blasting. LT Concrete Seal is designed to be used with Hillyard Concrete Primer. Hillyard Concrete Primer chemically bonds the coating to the surface, resulting in a protective shell that looks great and performs well under traffic. Get professional results, get Hillyard Concrete Defense.

- High molecular weight acrylic co-polymer.
- No-mix single component, water-based low odor formulation.
- Dries in 1 hour under normal conditions.

Technical Specifications

Appearance	Milky Emulsion
Dilution Rate	RTU
Color	White
Scent	Acrylic, Non-objectionable
Non Volatile Matter	25.50 - 27.00%
pH @ 25 deg. C	7.50 - 8.50

HMIS (Concentrate/RTU)

Flammability = 0 Health = 1 Reactivity = 0

Certifications, Registrations & Notes

UL Approved

Classified by Underwriters Laboratories, Inc. as to slip resistance. (186S).



Safety

See material safety data sheet and product for safety information, handling and proper use.

Availability

HIL0049906 4 - 1 Gallon Containers
HIL0049907 1 - 5 Gallon Pail

Directions

Determine if concrete floor is open (bare) by pouring a small cup of water on the surface. If the water immediately soaks into the surface, the concrete is most likely open. If the water lays, crawls, or beads on the surface, the concrete has most likely been previously coated.

Open (Bare) Concrete Floors: 1) Scrub with a floor machine or automatic scrubber with green pad, using a Hillyard degreaser or cleaner such as SM-1[®] at 6 oz./gal. of water. 2) Rinse floor thoroughly with plain water. 3) First apply a small test area first using Concrete Primer, then LT according to label directions to make sure concrete isn't contaminated. Coating should apply and dry uniformly. If floor is contaminated use alternate prep method using Malish Diamabrush 100 grit poly grinding brush. After using Malish Diamabrush retest.

Using HILLYARD CONCRETE PRIMER System: After proper floor preparation, apply a single coat of HILLYARD CONCRETE PRIMER, carefully following label directions. Allow HILLYARD CONCRETE PRIMER to dry a minimum of 1 hour, but no longer than 24 hours.

4) After floor has been properly prepared and primed, apply **three to four** thin coats of LT CONCRETE SEAL with a flat mop, allowing 1 hour between applications (dry time may vary based on temperature and humidity). If concrete is rough use a lightweight T bar for application. 5) The floor can be opened to light foot traffic after 4 hours, and normal foot traffic after 16-24 hours.

Previously Coated Concrete Floors: 1) Scrub with a floor machine or automatic scrubber with 3M SPP pad 500 ft² per side, using a Hillyard degreaser or cleaner such as SM-1 at 6 oz./gal. of water. 2) Rinse floor thoroughly with water and allow to dry completely. 3) Put test patch down first using Concrete Primer, then LT according to label directions and check for adhesion.

Using HILLYARD CONCRETE PRIMER System: After proper floor preparation, apply a single coat of HILLYARD CONCRETE PRIMER, carefully following label directions. Allow HILLYARD CONCRETE PRIMER to dry a minimum of 1 hour, but no longer than 24 hours.

4) After floor has been properly prepared and primed apply **three** thin coats of LT CONCRETE SEAL with a flat mop, allowing 1 hour between applications (dry time may vary based on temperature and humidity). 5) The floor can be opened to light foot traffic after 4 hours, and normal foot traffic after 16-24 hours. 6) For floors sealed with coatings other than LT CONCRETE SEAL, scrub the floor as directed above and apply a small test patch of LT CONCRETE SEAL to check for proper adhesion. Apply the coating as directed

Coverage: First coat on bare concrete 500 to 700 sq. ft./gallon; subsequent coats and previously coated floors 1000-1500 sq. ft./gallon. As with any coating, coverage rates vary based on surface type and condition. For extremely porous floors, additional coats may be required.

NOTICE: Do not use on concrete less than 30 days old. Do not apply when the surface or air temperature is less than 50 degrees Fahrenheit. Store in a heated warehouse. Keep container closed when not in use. Do not pour unused seal back into container. Do not use products containing d-limonene, such as Hillyard Citrus-Scrub 90[®], to prepare concrete prior to coating.