

# Concrete Primer

Hillyard Concrete Primer promotes adhesion by bonding and fusing the top coat seal to the surface and is to be used as a system with Hillyard LT, MT, HT, and HTG seals. As part of the Hillyard Concrete Defense® system, Concrete Primer is a safer floor prep alternative and eliminates typical steps like acid-etching, grinding and shot-blasting, making it easier to get professional results with in-house floor finish expertise. The innovative proprietary acrylic formulation maintains a slight tack to adhere to both the surface and top coat seal. Concrete Primer cures with the top coat to provide a durable, bonded protective coating system.

- Proprietary acrylic formulation promotes adhesion.
- Safer alternative to acid-etching.
- Eliminates the need for labor-intensive grinding or shot blasting.

## Technical Specifications

|                     |                   |
|---------------------|-------------------|
| Appearance          | Milky emulsion    |
| Dilution Rate       | RTU               |
| Color               | Milky White       |
| Scent               | Non-objectionable |
| Non Volatile Matter | 20.00 - 21.00%    |
| pH @ 25 deg. C      | 8.00 - 9.00       |

## HMIS (Concentrate/RTU)

Flammability = 0      Health = 1      Reactivity = 0



## Safety

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

## Availability

|            |                         |
|------------|-------------------------|
| HIL0050106 | 4 - 1 Gallon Containers |
| HIL0050107 | 1 - 5 Gallon Pail       |

## Directions

Concrete Primer improves adhesion of all Hillyard concrete coatings, including LT, MT, HT, HTB, and HTG, to new and old, bare or previously coated concrete surfaces.

### DIRECTIONS FOR USE:

**IMPORTANT:** For indoor use only. Temperature of concrete must be between 50 and 90 degrees Fahrenheit. 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. Do not apply to damaged, loose or spalling concrete, or to damp concrete (moisture coming from within the surface must be corrected before use). For new or bare concrete, allow 30 days minimum for proper curing before applying seal.

**PREPARATION OF OPEN (BARE) CONCRETE FLOORS:** Always apply a test patch first and check for adhesion. 1) Scrub with a floor machine or automatic scrubber equipped with a 3M SPP pad (up to 500 ft<sup>2</sup> per side), using a Hillyard degreaser or cleaner, such as SM-1 at 6 oz. per gallon of water. 2) Remove the cleaning solution with a wet vacuum or autoscrubber and rinse floor thoroughly with clean water. If necessary, repeat cleaning procedure until concrete is clean and free of dirt and oil. 3) First, apply a small test area to make sure concrete isn't contaminated. Coating should apply and dry uniformly. If floor is contaminated, continue with alternate prep method of using the Malish Diamabrush system. After using Malish Diamabrush system, retest.

**PREPARATION OF PREVIOUSLY COATED CONCRETE FLOORS:** Always apply a test patch first and check for adhesion. 1) Scrub with a floor machine or automatic scrubber equipped with a 3M SPP pad (up to 500 ft<sup>2</sup> per side), using a Hillyard degreaser or cleaner, such as SM-1 at 6 oz. per gallon of water. 2) Remove the cleaning solution with a wet vacuum or autoscrubber and rinse floor thoroughly with clean water and allow to dry completely. 3) Put test patch down and test for adhesion. If previous coating does not present proper adhesion use alternate prep method using the Malish Diamabrush system. After using the Malish Diamabrush system, retest. It is not recommended to use HILLYARD CONCRETE PRIMER over a coating that is not properly adhering.

**APPLICATION:** After floor has been properly prepared, apply one coat of HILLYARD CONCRETE PRIMER with a flat mop. Apply at 1000 - 1500 square feet per gallon.

After HILLYARD CONCRETE PRIMER has dried at least 1 hour, but not longer than 24 hours (dry time may vary based on temperature and humidity), top coat with HILLYARD LT, MT, HT, HTB, or HTG. HILLYARD CONCRETE PRIMER should never be used as a top coat.