

Multi-Clean®

Instructions



Decorative HD-3000

Read all instructions carefully before starting project.

**FOR INDOOR USE ONLY. BEST RESULTS ARE ACHIEVED WITH 2 COATS.
THE DECORATIVE CHIPS ARE ONLY SPRINKLED ONTO THE TOP COAT.**

**TO ENSURE BEST PERFORMANCE, DO NOT
APPLY IF ANY OF THE FOLLOWING
CONDITIONS EXIST:**

- **Sealed concrete** - Determine if there is a clear concrete seal present by dripping a small amount of Concrete Cleaner and Etcher diluted 1 part to 2 parts water. If the solution turns white and foams upon contact a seal is *NOT* present. If a seal *is* present, HD-3000 may not adhere properly.
- **Poorly bonded previous paint** - If the floor is previously painted, remove any loose paint by sanding and scraping. Test the adhesion of the remaining paint on the surface by doing the following:
 1. With a single-edged razor blade, cut an X through the coating and down to the concrete.
 2. Apply a 4" piece of duct tape over the X and press firmly.
 3. Completely remove the tape with one quick pull.
 4. If more than 25% of the taped area is removed with the tape, the original coating is not adhering well, and the floor should not be coated with HD-3000 until all previous paint is removed using a concrete floor sander or suitable paint stripper.
- **Moisture in the concrete** - Apply a 2' x 2' (.6 x .6 meter) sheet of plastic (such as heavy duty garbage bag or 1 gallon plastic storage bag) to an area of the floor. Tape down the edges with duct tape and allow to sit for 24 hours. If condensation appears on the inside of the plastic or if concrete appears wet (darker in color), moisture is trapped in the concrete and the floor should not be painted.
- **Loose or poorly cured concrete or concrete dust** - If the concrete is loose, chipping (spalled), or has concrete dust present, the coating will not perform properly unless all loose material and dust is removed and damaged areas are repaired.
- **Concrete is less than 28 days old** - New concrete must cure for 28 days before applying Decorative HD-3000.

Apply when air (ambient) temperature is 60-85°F (16-29°C) and relative humidity is below 80%. Minimum floor temperature for coating is 60°F (16°C). Coating in mid-afternoon ensures the best cure. **Store kit in cool place (below 80°F / 27°C) before use;** storage in higher temperatures will shorten the working time of coating (pot life).

PREPARATION INSTRUCTIONS
Preparation is critical to performance.

1. **Clean/Degrease:** Sweep floor. Prepare a solution of 1 part Formula 340 to 8 parts water. Apply the solution uniformly so the entire floor is covered. Allow to stand 10 minutes; scrub thoroughly with a low speed floor machine and grit brush. *For oil stains and grease spots retreat area. Pick up solution with a wet/dry vac. *Hint: If an automatic scrubber is available it will save time.*

***Pre-soak Grease/Oil Stains:** Prepare a solution of 1 part Formula 340 to 8 parts warm to hot water. Apply to stain, allow to soak 15 minutes. Spread oil-dri or other absorbent to draw out stain. Sweep up.

2. Etch:

Prepare a solution of 1 part Concrete Cleaner and Etcher to 2 parts cool water. Apply to floor using a plastic



garden sprinkling can as uniformly as possible. Allow Etcher to work for 5 minutes. Scrub with low speed floor machine equipped with a grit brush. Pick up solution with a wet/dry vac or squeegee solution into floor drain. An automatic scrubber may also be used.

3. **Overcoating existing coatings:** If previous coating is well bonded, scuff sand the surface using a 60-80 grit screen on a low speed floor machine. Clean surface to ensure a tight bond between the two coatings.

4. **Rinse** the floor 2 times with plain water. Pick up rinse solution with a wet/dry vac or squeegee into floor drain. Allow to dry 1-2 hours.

Note: *If the floor is not thoroughly cleaned, etched, and completely rinsed, the coating may not adhere properly to the surface.*

5. Mixing HD-3000

Do NOT mix the decorative chips with HD-3000. Pour all of Part B into Part A. Mix thoroughly for at least 3 minutes. Mechanical mixing using a drill with a mixer blade attachment is the best method of mixing. **See Pot Life Charts on page 2.** Mix again before applying. **If using more than one kit, do not mix kits at the same time.** To ensure even gloss and color, the coating must be applied within the times stated on the Pot Life Charts.

6. Decorative HD-3000 Application

After the standing time indicated on the charts, trim edges with a good quality paint brush (if desired). For best results, a base coat of HD-3000 (Gray or Tan) should be applied on bare concrete without spreading the decorative chips. The HD-3000 must dry 12-16 hours before applying the second coat.



Apply in 5'x5' (1.5 X 1.5 meters) sections so the decorative chips can easily be scattered on the freshly coated surface. Best results are obtained when HD-3000 is rolled one way, then cross rolled to insure uniformity. Toss the decorative chips onto the wet film taking care to avoid leading edge. Maintain a wet edge to prevent lap marks and gloss differences. Sweep away loose decorative chips that lay outside the coated area. Immediately continue to the next section, slightly overlapping the previously coated area. Continue until entire floor is completed. **This product must be used within the pot life indicated. If product is used beyond the recommended pot life, the coating may appear to have uneven gloss and color. Do not leave container in direct sunlight.**



Tip: To achieve a uniform chip coverage, toss the chips upward over the freshly coated area.

Application Tip: Since you only have between 1-3 hours (depending on temperature) to use the mixed coating, apply the product to an area and have the other person cross roll and spread chips.

7. OPTIONAL: EZ-2000 Clear: (DO NOT USE IN GARAGES) A clear top coat of EZ-2000 Clear may be applied over the Decorative HD-3000 surface. This should be done after the coating has dried 12-16 hours, but no more than 48 hours later. Apply EZ-2000 with a rayon finish mop or lambswool applicator. Dry time before foot traffic is about 4 hours. Allow 24 hours for normal foot traffic.

HD-3000 Coverage

Each HD-3000 kit contains enough product to cover approximately 600 sq. ft. (56 sq. meters) of smooth, bare concrete. Very rough or porous concrete may require more product.

Dry Time

Surface should be ready for a second coat or light foot traffic in 12-16 hours, heavy items and normal foot traffic in 24-48 hours. **FOR FULL CURE AND NORMAL TRAFFIC, ALLOW 7 DAYS.** Temperature and humidity may affect actual dry time.

HD-3000 Clean Up

Wash all tools and equipment immediately with warm water and mild detergent. Allow any unused product to harden in the container and discard according to local regulations.

Pot-Life Charts

If temperature is 60-70°F (16°-21°C)

Allow HD-3000 to stand after mixing

Start brushing (trimming edges): 15 min. after mixing
Start rolling: 15 min. after mixing
Use all mixed product within (pot life): 2½-3 hrs after mixing
Store product in a cool place until needed.

If temperature is 71-80°F(22°-26°C)

Allow HD-3000 to stand after mixing

Start brushing (trimming edges): 5 min. after mixing
Start rolling: 15 min. after mixing
Use all mixed product within (pot life): 1½-2 hrs after mixing
Store product in a cool place until needed.

If temperature is 81-85°F(27°-29°C)

Allow HD-3000 to stand after mixing

Start brushing (trimming edges): immediately
Start rolling: 5 min. after mixing
Use all mixed product within (pot life): 1 hour after mixing
Store product in a cool place until needed.

Other Multi-Clean Products

HD-3000 Application Tools

HD-3000 is applied using a paint roller, non-shedding, 3/8-1/2" nap. Multi-Clean has 18" wide rollers available: *Roller Frame Order #830552 Roller Cover Order #830732*



Concrete Cleaner and Etcher

Effectively roughens concrete to insure a strong bond when using HD-3000.



TCS-1

Acrylic seal for terrazzo and concrete floors. Recommended when conventional floor finishes are used. Insures good adhesion and prevents powdering. Works well on acid stained floors.



Formula 340

Powerful Degreaser for concrete floors. Works well in automatic scrubbers.



HD-3000

Waterborne 2 part epoxy, for maximum resistance. Available in pre-measured kits of Clear, Gray and Lt. Tan.



LD-1000

All acrylic, single component sealer tenaciously bonds to concrete with minimal surface preparation. Easy to use, leaves a high gloss, highly water resistant, and easy to clean surface. Also has excellent adhesion on acid stained floors.



EZ-2000

Acrylic urethane catalyzed for added toughness. A glossy, durable film is resistant to scratching and scuffing. Use LD-1000 as a primer coat so that no acid etching is required.

Multi-Clean Technical Support

Call Multi-Clean Technical Support with questions or comments between 8:00 am - 5:00 pm CST at 1-800-433-6816 and ask for Technical Support.

WARNING & DISCLAIMER: This product is to be used only by appropriately trained personnel. IMPROPER USE POSES RISK OF PHYSICAL INJURY OR PROPERTY DAMAGE. The suitability of and proper application of this product is the responsibility of the applicator. The manufacturer disclaims all warranties, express and implied, including any warranties of MERCHANTABILITY AND FITNESS OF PURPOSE. The manufacturer's liability is limited to replacement or reimbursement for any product proved defective. No person has authority to waive these disclaimers or make any representations or warranties on behalf of the manufacturer, except in writing signed by the manufacturer.

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