



## INSTALLATION INSTRUCTIONS

DaiHard™ Epoxy Clear Coat is a water-based, low odor, 2-part formula that adds a high-performance protective barrier to all interior DAICH Textured Stone finishes and concrete. It enhances the color and beauty of the surface beneath it, while imparting excellent resistance to water, chemicals, hot-tire pickup, impact and abrasion.

**READ INSTRUCTIONS CAREFULLY BEFORE USE. SURFACE PREPARATION AND CORRECT APPLICATION ARE CRITICAL TO LONG-TERM PERFORMANCE AND VISUAL APPEAL.**

### SURFACE PREPARATION

**Daich Textured Stone:** Surface must be cured, clean and dry. Sweep or wipe away any dirt or foreign objects that may be present before epoxy application.

**Bare Concrete:** New concrete surfaces must cure at least 30 days prior to application. Surface must be dry and in good repair, free from concrete dust, dirt, surface flaking, oils, poorly bonded paint\*, efflorescence and other contaminants that may weaken epoxy adhesion.

• **Flawed Surface Conditions:** Loose or flaking concrete, concrete dust and failing surface coatings must be removed from the installation area with a wire brush, grinder or other mechanical abrasion to increase surface stability prior to coating.

• **Trapped Moisture:** Apply a 16" square piece of plastic to a section of the concrete surface to be coated. Tape down edges thoroughly with duct tape. After 24 hours remove tape and look for water droplets on the plastic or wet appearance (darkness) in the concrete. If these signs are present, there is moisture trapped in the concrete and it should not be coated.

• **Previous Sealants:** Previous sealers applied to the surface can inhibit epoxy bond strength. To check for the presence of sealer in the concrete, pour some water onto the concrete. If the water beads, a sealer or other bond inhibitor is present. If the area turns dark and the water is absorbed, the surface is porous and will allow for better coating adhesion.

**Washing:** (1) Pressure wash the installation surface (where practical) or scrub thoroughly with a strong TSP (trisodium phosphate) solution. (Very smooth, new or efflorescent surfaces should be etched prior to washing to clean out pores and add surface profile.) (2) Power wash (best) or rinse surface thoroughly after cleaning and/or etching to remove all etching residue or TSP. (3) Where there is inadequate drainage, all water and residue should be lifted and removed from the floor with a wet vac. In this instance, more than one rinsing may be required to ensure a dirt-free surface.

\*\* When the surface has dried completely, wipe it with your finger or a clean white cloth to see if powdery residue or significant concrete dust is present. If dust is detected, repeat rinsing.

### PRE-SEALED/COATED SURFACES & PRE-PAINTED WALLS:

To encourage optimal adhesion, these surfaces should be scuffed with low grit sandpaper and cleaned with TSP to effectively remove sanding-dust, dirt or oils – and dried completely before coating.

\*\*WARNING: Where removal of old paint is required, lead dust may be released. Lead dust is toxic and can cause brain damage and other serious health problems. As a precaution, wear a NIOSH approved dust mask and follow other recommended safety measures. **Before starting, contact the National Lead Information Hotline at 1-800-424-LEAD for instructions on protection from lead.**

**AVOID EPOXY CONTACT WITH EYES AND SKIN. WEAR EYE AND SKIN PROTECTION DURING USE.**

**MIXING EPOXY COMPONENTS:** EPOXY PARTS MUST BE FULLY BLENDED BEFORE APPLICATION. Pour contents of "Part-B" into "Part-A" in original packaging or other suitable mixing container. Mix components thoroughly for three minutes using a stir stick. While blending, limit the introduction of air into the mix. If you wish to use only part of the kit, Part-A can be blended with Part-B at a ratio of 2.5 to 1 in a measuring cup (eg. 250 ml of "A" to 100 ml of "B"). Product can be used immediately after mixing. Mix only what you need. See coverage rates below.

**POT LIFE:** 4 hours (3 - 4 hours in very warm conditions) Pot life is the usable life of the mixed epoxy system. End of pot life will be visible as significant thickening / gelling of the material and decreased workability. Epoxy past its usable pot life should not be used. Allow leftover product to harden and discard according to local regulations.

**TOOLS:** Paint brush or small rollers for edges and tight areas. Medium pile lint-free fabric or foam roller (3/8" or 1/2" for larger sections. Extension handle for standing position installations.

Since DaiHard Epoxy, like all epoxies, can exhibit some degree of yellowing over time due to sun exposure, it is designed primarily for use on covered or interior floor surfaces. For outdoor areas, Daich DaiHard Garage and Driveway Sealer or Daich Hi-Build Ultra Clear Coat are recommended.

### APPLICATION

DaiHard Epoxy Clear Coat is white when applied and dries to a clear gloss finish. Temperature should be between 50° F (10°C) and 85° F (30°C) during application and for the next 24 hours. Protect from rain and condensation for 24 hours.

Brush or roll down surface area edges first, followed by remaining area in uniform 4ft x 4ft sections. Maintain a wet edge to avoid unsightly lap marks. Do not disturb or roll into product which has begun to set up. Wash tools with soap and warm water when finished.

Depending on your preferred result, DaiHard™ can be installed in the following ways:

**Glaze Coats:** A "glaze coat" is a very thin application of epoxy that adds a lower sheen, durable top coat to Daich textured stone coatings (glaze coat applications are not recommended for use with Daich SpreadRock™). Glaze coats give the floor a more natural looking stone or ceramic appearance.

To achieve a glaze finish, purposely install a very thin coat of epoxy over the surface by loading the roller less often than you normally would and pulling the product over a larger area. As you progress, you'll leave a thin whitish haze of epoxy on the surface. This will turn clear and should be tack free within 3 - 5 hours.

**Standard Coats:** This application method is suited to all Daich textured stone coatings. "Standard" coats are applied at a thickness more like paint for some texture filling and added gloss.

Roll product down in uniform coats and in manageable sections as you progress.

To create very glossy finishes with even more filling of surface texture on floors, countertops, etc., apply additional standard coats every 12 hours. Re-coats should be performed prior to full 24-hour cure of the previous coat to encourage optimal inter-coat adhesion. **DO NOT APPLY EPOXY COATING TOO THICK OR ALLOW POOLING.**

**\*\*\* WHERE SLIP-RESISTANT FLOORING IS IMPORTANT, HEAVY COATS SHOULD BE AVOIDED. USE INCLUDED SLIP-RESISTANT ADDITIVE AS WELL.**

### APPLICATIONS OVER DAICH TEXTURED STONE FINISHES

In clean footwear, apply DaiHard™ over the area using a lint-free medium pile fabric or foam roller.

Depending on the Textured Stone finish being top-coated and the type of floor, DaiHard application methods may vary as follows:

**GARAGE FLOORS:** For garage floors coated with RollerRock®, SpreadRock™ or SpreadStone™, one uniform STANDARD COAT is generally adequate. Work in uniform 4ft x 4ft sections to a coverage rate of approximately 250 sq. ft. per 3-quart kit.

**INTERIOR FLOORS:** Depending on your gloss preference and degree of expected traffic, GLAZE COATS or STANDARD COATS are the application types used for most interior Daich textured stone floor finishes.

**COUNTERTOPS / TABLES:** For most countertops and tables finished with Daich textured stone finishes, two thin coats 16 hours apart are recommended for optimum control, hardness and clarity.

**APPLICATIONS OVER BARE CONCRETE:** For most concrete floor applications, DaiHard™ is best applied as a Standard Coat. If the surface is more aggressively textured, one or more STANDARD COATS may be required depending on the degree of smoothness required. DAIHARD IS NOT A FILLER MATERIAL FOR BADLY PITTED OR CRACKED CONCRETE.

**APPLICATIONS OVER WOOD SURFACES:** For most wood surfaces including tables and bar tops, GLAZE and STANDARD COATS are most commonly used. For smoothest finishes and more clear coat depth, additional coats may be used. Apply uniformly along the grain (not recommended for wood floors or paneling).

**SLIP-RESISTANT ADDITIVE:** The DaiHard™ Epoxy kit includes slip-resistant additive. Pour contents of the bag into the blended epoxy and stir thoroughly for uniform dispersion. If using less epoxy, stir in proportionately less Slip-Resistant Additive. Pour mixture into a paint tray and apply as directed.

**COVERAGE RATES: GLAZE COATS:** up to 350 sq.ft. (32 m<sup>2</sup>) per 3-quart kit or up to 115 sq.ft. (10 m<sup>2</sup>) per quart. **STANDARD COATS:** average 250 sq.ft. (23 m<sup>2</sup>) per 3-quart kit or an average of 83 sq.ft. (7 m<sup>2</sup>) per quart. Coverages are based on one coat. Will vary with roughness of surface, thickness and number of coats.

**DRY & CURE TIMES** (at room temperature - 70° - 75° F)

**TACK-FREE DRY:** 3 hours with GLAZE and STANDARD coats.

**FULL CURE & HARDNESS:** 7 days (can be longer with thicker coats)

- Light foot traffic: 12 hours after application
- Normal foot traffic: 24 hours after application
- Vehicle traffic: 3 - 5 days after application

**RE-COAT TIMES:** Re-coats can generally be performed every 12 hours AND PRIOR to full 24-hour cure of the previously applied coat to encourage optimal inter-coat adhesion.

**YELLOWING:** Depending on ambient light conditions, very minor yellowing of epoxy can occur and, as such, could be more apparent on very light colored or white surfaces – especially where epoxy is applied more thickly. If slight discoloration is unacceptable, avoid applications of DaiHard™ on light colored or white surfaces.

**TECHNICAL SUPPORT:** If you have any questions or comments in regard to DAIHARD™ EPOXY CLEAR COAT, please call our technical support line at 1-866-463-2424.

### PRECAUTIONS: (NOT HAZARDOUS UNDER NORMAL USE)

**AVOID CONTACT WITH EYES AND SKIN. WEAR EYE AND SKIN PROTECTION DURING USE.** If contact occurs, flood eyes repeatedly with potable water for 15 minutes and seek medical attention. Wash skin with soap and water. If skin becomes irritated, obtain medical attention. Wash hands after handling. **WORK IN A VENTILATED AREA.** Do not breathe airborne mists. If inhaled seek fresh air. **DO NOT TAKE INTERNALLY.** If swallowed, do not induce vomiting. Drink water if conscious and seek medical advice. **KEEP OUT OF REACH OF CHILDREN.** Keep container closed. Dispose of unused material according to local regulations.

For more information visit us online  
at [www.daichcoatings.com](http://www.daichcoatings.com)