PART 1: SURFACE PREPARATION

For long-term satisfaction, surface preparation is the most important part of the job. The surface needs to be clean, dry and in stable condition for best adhesion of your new stone surface.

1) Pressure wash the floor for best results. 2) If the surface is very smooth or efflorescent, scrub with Daich Concrete Cleaner / Etcher to open the pores and add surface profile for best adhesion. 3) Alternatively, a 2-parts-water/1-part muriatic acid solution can be used for effective etching (follow muriatic manufacturer container directions for safe mixing). 4) Rinse gently with a hose and then pressure washer to remove all etching residue.

PROTECTIVE MASKING

Protect adjoining surfaces (walls, fixtures, etc.) that need to be protected prior to coating application. 1) From the floor, mask the first 2 - 3 feet of wall around the perimeter of the installation area with old newspaper or plastic drop sheets. 2) Mask railings near the installation area as well.

Garage Floors: 1) Pressure wash the floor for best results. 2) If the surface is very smooth or efflorescent, scrub with Daich Concrete Cleaner / Etcher to open the pores and add surface profile for best adhesion. 3) Alternatively, a 2-parts-water/1-part muriatic acid solution can be used for effective etching (follow muriatic manufacturer container directions for safe mixing). 4) Rinse gently with a hose and then pressure washer to remove all etching residue.

Interior Floors: 1) Scrub or mop with a TSP (trisodium phosphate) and water solution and rinse thoroughly. 2) Alternatively, for best cleaning — or if the floor is very smooth — use Daich Concrete Cleaner / Etcher to clean and add bonding profile. 3) Rinse well or mop with clear water. Remove all water with good drainage or wet-vac. Allow to dry until the next day. 4) If the floor is painted and the paint is firmly adhered, scuff the surface well with 150-grit sandpaper to add bonding tooth, wash the floor and allow it to dry completely.

APPLICATION

1) Stir Stone Base Coat with a mixing stick or drill mix attachment and pour the contents into a paint tray. 2) Cut in the edges of the installation area with a paint brush. 3) For most surfaces, including exterior concrete and garage floors, load a 1/2” (15mm) nap roller generously with material and roll down a thin uniform coat over the surface with a maximum 1/16” wet thickness. This will ensure correct coverage and also guard against excessive thickness and possible unsightly shrinkage cracking when the material dries. 4) After covering a 4ft x 4ft area, roll a few times over the wet material to leave a uniform slip-resistant texture that’s great for outdoor walking surfaces like pool decks, patios, steps — and garage floors. Repeat this process until the surface is covered.

PART 2: STONE PRIMER COAT

The Stone Primer Coat locks into the concrete for optimal adhesion prior to coating steps that follow. If creating a patterned flagstone or tile effect on your project with enclosed grout line tape — or available DAICH SpreadStone™ Stencil Kits — the primer also acts as the exposed “grout line” in your finish.

Typical Dry Time: 30 minutes (indoors: 1 - 3 hours)

APPLICATION:

For exterior surfaces and garage floors with good airflow, primer can be applied after washing, when the surface is visibly dry with no damp areas. For interior concrete floors, the surface should be allowed to dry until the following day before application. Use of a fan may assist drying concrete. 1) In dry conditions, 50F (10ºC) or above, use a 3/8” or 1/2” roller to apply a thin uniform coat of primer onto the surface. Stone Primer dries in 30 to 60 minutes outdoors (longer in damp, humid or cool conditions, or interior floors where there is less air circulation). 2) When Primer has dried enough to support foot traffic, application of the Stone Base Coat may begin immediately if a seamless Spreadstone finish is being installed.

Stencil Patterns: If installing a patterned tile, flagstone, etc., Spreadstone finish with a stencil. Primer should be allowed to cure fully until the following day before laying down stencils and proceeding with the Stone Base Coat. 1) Lay stencils as desired, ensuring they are uniformly pressed down to guard against bleed of subsequent coatings beneath the stencil as they’re applied over top.

PART 3: THE STONE BASE COAT

The Stone Base Coat is the foundation of your SpreadStone Concrete Resurfacing project. It imparts strength, decorative texture and the primary color in your Spreadstone finish. Apply the Stone Base Coat over the entire primed surface for a seamless effect — or over top of Daich Spreadstone™ Stencils for beautiful tile or stone patterns.

Typical Dry Time: 60 minutes (indoors: 1 - 3 hours)

APPLICATION:

1) Stir Stone Base Coat with a mixing stick or drill mix attachment and pour the contents into a paint tray. 2) Cut in the edges of the installation area with a paint brush. 3) For most surfaces, including exterior concrete and garage floors, load a 1/2” (15mm) nap roller generously with material and roll down a thin uniform coat over the surface with a maximum 1/16” wet thickness. This will ensure correct coverage and also guard against excessive thickness and possible unsightly shrinkage cracking when the when the material dries. 4) After covering a 4ft x 4ft area, roll a few times over the wet material to leave a uniform slip-resistant texture that’s great for outdoor walking surfaces like pool decks, patios, steps — and garage floors. Repeat this process until the surface is covered.

THE STONE ACCENT COAT

Your kit contains two colors of Stone Accent, applied one after the other. The Stone Accent adds more strength and colored stone textures to complete the decorative effect. Their colors have been pre-determined to work together to create your chosen finish.

Typical Dry Time: 20 minutes (indoors: 30 - 60 minutes)

APPLICATION:

1) Reseat the surface every two to three years with DAICH DaiHard. 2) For garage and driveway surfaces, a high hide, double coat is recommended. 3) Reseat the surface every two to three years with DAICH DaiHard. 4) Reseat the surface every two to three years with DAICH DaiHard. 5) Reseat the surface every two to three years with DAICH DaiHard.

Note: For heavy-duty performance and easiest cleanability on garage and high traffic interior concrete floors, application of “DAICH Epoxy Clear Coat” is recommended.

For live video demonstration of all application steps discussed here, view the enclosed instructional DVD or online on the SpreadStone Concrete Kit page at www.daichcoatings.com.

Caring For Your New SpreadStone™ Concrete Surface...

Your new SpreadStone Concrete finish is designed to deliver a lasting functional surface. Please follow these simple care guidelines.

1) Reseat the surface every two to three years with DAICH DaiHard. 2) For garage and driveway surfaces, a high hide, double coat is recommended. 3) Reseat the surface every two to three years with DAICH DaiHard. 4) Reseat the surface every two to three years with DAICH DaiHard.