



EUCLID CHEMICAL

# TEXTURE-CRETE INSTALLATION GUIDE

**1. DEGREASE** – NOTE: Surface must be free of any coatings (curing agents, paint, glues, etc) If concrete is coated, Uni-Stripp can be used to take the concrete down to a bare surface. Degrease the concrete surface with cleaner/degreaser specifically designed for concrete and then rinse thoroughly. Repeat the process until there is no sign of water beading on the surface.

**2. ACID ETCH** – Profile the surface by etching the concrete with 1 part muriatic acid to 5 parts water. Never add acid to dry concrete. Make sure the concrete substrate is saturated-surface dry (SSD) prior to acid etching. You want the acid solution to work on the top of the concrete and not soak in. Agitate the solution vigorously with a stiff broom and rinse thoroughly (a pressure washer is helpful during this step). Repeat until the surface has sandpaper like texture and rinse thoroughly. Mechanical methods may also be used to profile the surface (sanding, scarifying, bead blasting, etc).

**3. MIX GROUT** - Euclid Chemical manufactures two different Spray Deck grouts. The first is a two component system consisting of a powdered grout and a liquid polymer resin. The second is a SINGLE COMPONENT grout that has the polymer in a powdered form. Single Component Spray Deck Grout is mixed with cool, clean water.

If using the two-component system, reduce the Spray-Deck Resin by 50% with **cold water** (1 part resin to 1 part water). Then add half the prescribed amount of premixed resin (4 – 6 Qts) to the bottom of a clean plastic 5-gallon pail. Slowly spinning a paddle mixer in a hand held mortar mixer, add a bag of Spray-Deck Grout while also adding Spray-Deck Resin premix until the proper consistency is achieved. Let the material sit 2-3 minutes and remix, adding more premix if desired.

If using the Single Component Spray Deck system, add 4 Qts of cool, clean water to the bottom of a clean plastic pail and start adding the powdered grout mixing with a hand held mortar mixer, mixing until proper consistency has been achieved. Let the material sit 2-3 minutes and remix, adding more premix if desired.

**4. SLURRY-COAT** - If the surface is damaged or not the desired grout line color, it would then require a slurry coat. A slurry coat consists of approximately 6 quarts of liquid to one bag of Spray-Deck grout. A bonding agent such as EucoWeld 2.0 is highly recommended to aid in slurry coat application and to minimize slab outgassing. Apply EucoWeld 2.0 to clean and profiled surface per product instructions and let dry. Add Increte Color Pack of choice and mix the material to a soupy pancake like consistency (see #3). Then trowel or squeegee the material over the surface as thin as possible not exceeding ¼". After the material has cured long enough to walk on it with stocking feet, carefully scrape any ridges or high spots smooth.

**5. LAYOUT** - Layout the desired tape or stencil pattern making sure it is flat and attached to the surface properly. Mask off all adjoining areas.

**6. SPRAY** - Mix the Spray-Deck grout with 4 - 6 quarts of liquid, depending on weather conditions (see #3) and Increte Color Pack of choice. Set the compressor petcock to 15 - 20 psi and the orifice on the pattern pistol to the second to smallest. Pour the mixture into the hopper and wearing cleated shoes spray 100% of the concrete surface in a circular motion. Once one hundred percent of the surface is covered, a second coat is applied using 3 to 7 psi of air pressure. The second to largest orifice should be used covering 50 - 70% of the surface. Note: Keep the faceplate of the pattern pistol parallel with the concrete surface.

**7. KNOCKDOWN** - Using a pool trowel and wearing cleated shoes knock down the material to the desired finish. Once the surface has partially set up, slowly remove the tape or stencil and thoroughly clean the stencil with water and a stiff broom. Note: Trowel in One Direction Only.

**8. SCRAPE** - After the appropriate curing time, gently scrape the surface with an 18" floor scraper and then sweep the surface vigorously with a stiff bristled broom. At this point a high velocity blower should be used to remove any loose material left on the surface.

**9. SEAL** - After a minimum of 24 hours of drying time seal the surface with Increte Clear Seal. Apply the sealer with a heavy-duty roller frame and phenolic core roller cover. Roll in all directions without leaving any puddles. A hand held pump sprayer of high quality may also be used. When using a sprayer, back rolling is highly recommended. After the first coat of sealer is tack free apply a second coat.