



For All Your Decorative Concrete Needs...

DCI One-Step Overlay



Direct Colors One-Step Overlays are simple to mix, easy to apply and to color with concrete pigment or acid stain.

Our overlay system is the result of customer feedback and meticulous research to create a product both professionals and amateurs alike can successfully apply without formal training or costly classes.

Direct Colors Overlays are "Add Water Only" mixes and are available in two texture types and two base colors - White and Gray. Each overlay can be integrally-colored to over 100 colors with concrete pigment or acid stained.



DCI Complete Texture Overlay
Strong and durable, DCI Complete is our sturdiest overlay designed for stamping and trowel stenciling. Available in both white and gray, use this product for any stamped or textured outdoor decorative concrete applications.

DCI Smooth Texture Overlay
DCI Smooth Overlay provides a finer finish and is perfect for smooth trowled and sprayed on applications. Outstanding for both indoor and outdoor projects involving stenciling, vertical applications and troweled-on textures. Specially-formulated to produce rich, vibrant acid stain colors.





DCI One Step Concrete Overlay

Technical Data

Direct Colors One-Step Overlay System is designed to create a predictable, durable, exactly colored product every time.

Our overlay mixes contain no alcohol allowing contractors to mix larger batches in small mixers if desired. DCI Overlays are also based on dry polymers making the product easy to use on the job site and eliminating "flash drying" concerns associated with wet polymer mixes.

For ease of use, DCI One-Step Overlay can either be troweled or sprayed. For bucket mixing, pour one gallon of water into a five gallon pail first. Slowly pour the contents of a 50 lb. box of overlay into the bucket and mix regularly with a drill mixer. For best results, a birdcage high shear paddle for bucket mixing. Thoroughly combine the water and overlay to insure the dry polymer is saturated and properly dispersed. For a thicker consistency, use less water.

To spray the overlay, add up to 1 gallon of additional water per box of smooth texture overlay until the mixture resembles a thin pancake batter suitable for spraying at 25 psi.

Add color our overlay with concrete pigment, acid stain or liquid colored antique. Include concrete pigment at the mixing stage to create one of over 100 available colors. We offer color packs specially-measured to produce the same color in every box of overlay making the process easier and faster for our customers.

Surface Preparation:

For best results, repair any isolated slightly damaged areas with a concrete patching material. For floors with more widespread hairline cracks, chips or divets, apply a skim coat of no more 1/8 in. Slabs that have significant damage such as spalling can be overlaid but the existing concrete must be structurally sound with no foundational cracks and all loose concrete material removed before proceeding.

Machine-trowled or tiled floors should either be profiled with a sander or primed before applying an overlay. To profile a floor, use a 80-100 grit pad to "scuff" the surface. Profiling allows the overlay to adhere more securely to the floor. For best results with a primer, mix one part Concentrated Co-Polymer with two parts water. Apply the solution with a short nap roller no more than 10 minutes before overlaying the surface.

Coverage:

Actual coverage rates will vary depending on the texture, porosity, condition of the concrete, application method and weather conditions. At 1/4 inch, one 50 lb. box of overlay mix will cover 20 to 25 sq. ft. For a skim coat (1/8 - 1/16th in.), one 50 lb. box of overlay mix should cover about 75-150 sq. ft. depending on the desired thickness and the condition of the substrate. The overlay should be mixed to the consistency of a thin pancake batter using additional water as needed.

Application Techniques:

For a smooth appearance, finish the overlay with a gauge rake and a magic trowel. For a textured finish, handwork the overlay with a pool trowel. Select DCI Complete Overlay for stamping or as a basecoat for stenciling. Use DCI Liquid Release to release stamping tools and prevent sticking. For vertical surfaces and stencil, spray DCI Smooth Overlay with a drywall texture gun and smooth with a

pool or magic trowel. Use a magic trowel to apply a skim coat.

Staining and Sealing:

DCI One-Step Overlay is formulated to produce the richest, most robust acid stain colors. For best results, spray any of our Concrete Acid Stain colors on fully-cured overlay for diverse and beautiful floor. For color depth and contrast on integrally-colored stamped or textured concrete, spray DCI Liquid Colored Antique to patio, sidewalk, and driveway applications prior to sealing. All decorative concrete surfaces must be sealed and re-sealed every 2-3 years depending on exposure and wear.

Limitations:

Avoid applying DCI One-Step Overlay on unsealed wood or wood composites. Do not apply overlay in excessive heat/wind conditions which can cause shrinkage and cracking or to surfaces below 40F or above 90F. Concrete less than 30 days old, wooden joist supported upper story floors, salt contaminated surfaces, and slabs with excessive ground water or hydrostatic pressure can cause the overlay to improperly adhere. Allow for 48 hours of drying time before sealing the surface.

Warranty:

The DCI One Step Overlay mix, is warranted to be of uniform quality within manufacturing tolerances. As the manufacturer has no control of the use of the product, no warranty, expressed or implied, is made as to the effects of such use. Seller's and manufacturer's obligation under this warranty is limited to the refunding of the purchase price of that portion of the material proven to be defective.

For more information on DCI Concrete Overlay visit:
www.DirectColors.com