



STAMP OVERLAY

Polymer Modified Cementitious Overlay

PRODUCT DESCRIPTION

Deco-Crete (DC) Stamp Overlay is a premixed blend of unique materials that, when mixed with water, forms a thin concrete overlay. This cementitious blend is designed to transform plain gray concrete into a beautiful textured finish that can resemble slate, wood, stone, brick, cobblestone, or tile. DC Stamp Overlay is a just-add-water formula that will result in a long-term, highly durable surface when applied to a structurally sound, properly prepped concrete substrate. The system includes 30 integral color options & may be stamped/textured with powder or liquid release agent.

TECHNICAL INFO

- + Working time _____ 15 – 20 min.
- + Application Temp _____ 50°F – 80°F
- + Foot Traffic _____ 24 – 36hrs
- + Wheel Traffic _____ 2 – 5 Days
- + Coverage _____ 25 sq. ft. at 1/4"
16 sq. ft. at 3/8"
12 sq. ft. at 1/2"

RECOMMENDED APPLICATIONS

- + Commercial & Residential
- + Patios
- + Walkways
- + Pool Decks
- + Basement Floors



QUICK FACTS

- + JUST ADD WATER
- + 30 Integral Colors Available with Mini Yard Pack System™
- + Highly-Durable
- + Unlimited Design Options
- + Applicable on Interior or Exterior
- + Stainable with Acid or Water-Based Stains
- + Available in Gray or White
- + Long-Term Bond



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INSTRUCTIONS FOR USE

SURFACE PREPARATION

Concrete substrate must be at least 28 days old. The surface must be free of dust, dirt, oil, grease, paints, glues, sealers, or any other contaminant that may serve as a bond breaker. It should also have a porous profile to allow for proper bond.

Smooth Troweled Concrete: Required prep methods include diamond grinding or shot blasting to remove the surface layer of the concrete as well as any existing cure & seal or coating. A primer coat of *Deco-Crete SureBond 100* mixed 1:1 with water is required before application of DC Stamp Overlay.

Broomed, Swirled, or Exposed Aggregate Concrete: High-pressure washing at a minimum of 3,500 PSI is sufficient for most situations. If the high-pressure wash is not able to remove all membranes, paints, or contaminants, the use of a turbo-tip or sandblaster is required. For commercial projects, grinding, shot blasting, or sandblasting is recommended. A primer coat of *Deco-Crete SureBond 100* mixed 1:1 with water is required before application of DC Stamp Overlay.

Crack Repair: Static cracks must be opened up with a crack chase wheel then filled with *Deco-Crete Quik Fix*. It is recommended to use a "crack stitch" method for any dynamic cracks. Crack repairs do not eliminate the possibility of cracks transferring through the cured overlay.

Patching Spalls & Pop-Outs: Fill all spalls, pop-outs, & low areas with *Deco-Crete Easy Patch*. Use *Deco-Crete SureBond 100* as a bonding agent under the repairs.

Saw Cuts & Tool Joints: Thoroughly clean all saw cuts & tool joints to remove dirt & debris. All saw cuts & joints must be honored by reopening before the material hardens or with the use of a diamond blade 24 – 36 hours after application.

SUBSTRATE TEMPERATURE

For best results, the substrate & ambient temperature should be between 50°F – 80°F. If applied outside of these limits, the product will not perform optimally & could result in failure.

MIXING

Add 3 – 3 ½ qt. of water into a mixing container. Add the 50lb. bag of stamp mix. Mix for 2 minutes, scrape side walls, & then mix for 1 more minute. Let mix false set for 2 minutes, then mix for an additional minute. In hotter conditions up to ½ qt. more water can be added to reach desired consistency & extend working time. It is recommended to mix a minimum of 2 to 3 bags per batch depending on size of project. Refer to Mini Yard Pack Tech sheet for full instructions on adding color.



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Priming: Mix *Deco-Crete SureBond 100* 1:1 with water. Utilizing a pump-up style sprayer, completely saturate the slab. Allow all standing water & puddled areas to dissipate, so the substrate becomes SSD*.

Placing: Apply stamp overlay 1/8" thicker than the deepest grout line or texture in the stamping tool you intend to use. Spread DC Stamp Overlay on primed slab with a cam-style gauge rake to ensure proper thickness. Immediately after spreading, use a topping smoother, small fresno, or a funny trowel to smooth out the surface of the overlay. A hand trowel may be used to smooth out the edges & wall lines. The primary purpose of smoothing the surface is to close up the cam lines from the gauge rake. Overworking the surface will lead to air pockets, bubbles, & blistering. If DC Stamp Overlay is stamped/textured at the proper time, minor trowel lines & imperfections will not be noticeable in the end product.

Stamping/Texturing: Must be done within 30–60 minutes after placement of DC Stamp Overlay. Apply powder release with a large tampico brush or liquid release with a pump-up sprayer to the surface of the overlay. Stamping tools must also be coated with release agent before stamping and may need to be reapplied during the process. Stamp the overlay in the same manner as stamping concrete.

Washing & Antiquing: If powder release was used, the excess will need to be removed before sealing. It is recommended to use a power washer with a minimum of 3,500 psi to remove excess release. Washing should be done within 24–48 hours after stamping for best results. If using liquid release, *Deco-Crete Texture Enhancer* must be applied to create the same antiquing effect as powder release. DC Texture Enhancer may be applied 24 hours after stamping or at any point thereafter. Please refer to the DC Texture Enhancer tech-data sheet for full instructions.

Sealing: Deco-Crete recommends Stamp Overlay to be sealed with *Deco-Crete D-One Sealer* for maximum color enhancement & protection. For best results, wait a minimum of 2–5 days before sealing. If using Texture Enhancer, a minimum of 24 hour dry time is required before sealing.

Note*: SSD stands for *Saturated Surface-Dry*. SSD describes a condition that a concrete surface must be brought to when a cementitious product is applied. The surface is SSD when the substrate is saturated with water, but the outer surface is devoid of standing water.

It is always recommended to test the product in a small, inconspicuous area for desired results prior to application. Coverage rates may vary for all coatings & substrates depending on porosity, density, texture, etc.

PACKAGING, SHELF LIFE, & STORAGE

- + 50lb. bags
- + Store in a dry, covered area. Avoid moisture & direct sunlight



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www.eco-cretesupply.com

