



KIRTBAG CARVING MIX

Cementitious Vertical Overlay

PRODUCT DESCRIPTION

Deco-Crete (DC) Kirtbag Carving Mix is a cementitious ad-pac formulated to convert an 80lb. bag of standard Type S mortar into a high performance vertical carving mix. It is an easy to use, low sag material that can be applied to a wide variety of substrates for exterior or interior application. Kirtbag provides an excellent workable consistency ideal for hand carving without any modifications. Because Kirtbag cures out to a natural concrete gray color, utilizing stains gives you the freedom to create the most realistic rock formations, stones, tree bark, brick, wood beams, & more.

TECHNICAL INFO

- + Working time _____ 20 – 30 min.
- + Carving Time _____ 3 – 5 hrs.
- + Color _____ Concrete Gray
- + Coverage _____ Approx. 8–9 sq. ft. at 1½" thick
- + Packaging _____ 13lb. Bag

RECOMMENDED APPLICATIONS

- + Seating & Retaining Walls
- + Water Features
- + Fire Pits
- + Outdoor Kitchens
- + Fireplace Surrounds
- + Wine Cellars



QUICK FACTS

- + Can be Stacked on the Wall
1"–4" in One-Pass
- + Most Carvable Mix on the Market
- + Plenty of Working Time
- + Excellent Texturing & Staining Qualities
- + Putty like Consistency
- + Interior or Exterior Use
- + **MADE IN THE USA**



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INSTRUCTIONS FOR USE

SURFACE PREPARATION

All substrates must be free of dust, dirt, oil, grease, paints, glues, sealers, or any other contaminant that may serve as a bond breaker.

Concrete & Masonry: Thoroughly power wash & prime surface with *DC Sure Bond 100**.

Drywall: Prime with *DC Sure Bond 100**. It is recommended to apply metal or spider lath prior to scratch coat.

Plywood: All plywood applications require Tar Paper & lath.

Styrofoam: Prime with *DC Sure Bond 100** & apply *DC DuraCast Backer Mix* as the scratch coat.

PRIMING

Any substrate not containing Tar Paper & lath should be primed with *DC Sure Bond 100**. It is also recommended to apply primer between coats. Apply primer using a pump-up style sprayer. Keep a $\frac{3}{4}$ " nap roller to soak up excess primer from surface.

Scratch Coat: Kirtbag may be used as the scratch coat or Type-S mortar mix. Apply scratch coat $\frac{1}{8}$ "– $\frac{1}{4}$ " thick & scarify with grooves running horizontally. Allow scratch coat to harden before applying carve/stamp coat. A thicker scratch coat may be required for final applications greater than $1\frac{1}{2}$ " thick.

MIXING

Start with $1\frac{1}{2}$ – $1\frac{3}{4}$ Gal. of clean water in the mixer. Add one full bag of Kirtbag Carving Mix to water & mix well. Add one 80 lb. bag of Type S mortar & mix until fully blended. Add water if needed to achieve your preferred consistency. Let the mix false set for 5–7 min., then remix. If needed, small amounts of water may be added for final consistency. Do not exceed a total of 2 Gal. of water.

***DC Surebond 100 should be mixed 1:1 with water (1 part Surebond, 1 part water).**



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APPLICATION

Apply by hand throwing, mortar sprayer, or hawk & trowel.

Drive Coat: The first layer should be applied thinly to fill up the grooves in the scratch coat. When applying this layer, keep plenty of pressure on the trowel so it drives the mix all the way into the grooves. This will eliminate air pockets behind the mix. In most cases, it works best to have at least two installers so the layers can be applied in a wet-on-wet fashion.

Carve Coat: This layer should be applied to the final desired thickness. Use a pool trowel to smooth out the surface of the mix.

Hand Carving: Utilizing tools found at deco-cretesupply.com, create a light texture on the surface. Use a pointing trowel to lay out desired pattern. As the mix continues to harden a variety of hand tools may be used to carve & refine your desired creation.

Staining: It is recommended to use water-based acrylic stains for all applications.

Sealing: It is recommended to use *Deco-Crete D-Shield Clear* for all sealing applications.

PRO TIPS

- + During Drive Coat make sure you're driving the mix all the way into the grooves & getting the next layer on quickly. This helps keep the mix on the wall while stamping/carving by creating a solid long-term bond between the coats.
- + Mix consistency is another crucial factor in helping keep the mix on the wall. A mix that is too dry will want to fall off, too wet & it will tend to sag. You should be able to grab a handful of mix, turn your hand sideways (vertically aligning it) & it should not fall off or run through your fingers.
- + Once the mix is on the wall & you have it spread out, avoid overworking the material. Doing so can cause the mix to bubble on the surface & the more you mess with it, the more it will tend to sag.
- + Cover with plastic on hot & windy days to reduce cracking
- + Use reference photos of what your trying to accomplish during carving.

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

STORAGE, PACKAGING & SHELF LIFE

- + Store in a dry, covered area. Avoid moisture & direct sun | Indefinite Shelf Life



For tutorials & even more decorative concrete content,
follow the QR code here or find us on social media.



www.deco-cretesupply.com