



CONCRETE COATINGS C-100 Liquid Colorants

For acrylic cementitious systems, micro-toppings and stampable overlays



CONCRETE COATINGS Stampable Overlays and Micro-Toppings



This color chart is a representation only and does not guarantee that the final color will be an exact match. The colors produced will rely heavily on skill, practice, and experimentation. Application methods and age of the concrete will result in different tones. Even in a controlled environment, cements, aggregates, water content and curing methods will contribute to different results. Concrete Coatings Inc. recommends that color changes be made to the overlay prior to sealing.



- ◆ Countertops
- ◆ Floors
- ◆ Porches
- ◆ Patios

Micro-Toppings

Micro-toppings have a fine consistency. They are available in white or natural gray and are forgiving and easy to apply. The most common uses are countertops, or floors where an acid stain is desired, when the concrete itself is too abused to allow for a pristine surface. A quick trowel application of a Micro-topping creates a surface perfectly suitable for staining. All Micro-toppings have just the right addition of polymer in the mix for their application – just add water.



Stampable Overlays

These overlays come in white or gray (natural) and work with color hardeners, powdered or liquid releases and acid stains. Stamp-Tek™ polymers are already in the mix, so there's never a question of mixing integrity- just add water.



For technical assistance please call
800-443-2871
www.ConcreteCoatingsInc.com





CONCRETE COATINGS Stampable Overlays

Resurfacing Products For Concrete

Features

- ◆ Interior/Exterior use
- ◆ Can be textured and colored
- ◆ Durable
- ◆ Creates a new 1/4 to 1/2" surface

Installation Instructions and Tips

Coverage

One 50 lb bag of stampable overlay will cover 24 square feet @ 1/4" or 12 square feet @ 1/2".

Equipment and Supplies

Drill powered mixer or mortar mixer (for larger jobs), several 5-gallon buckets, duct tape, masking supplies, cloth rags, measuring cups, clean paint roller and cover (primer application), 8" margin trowel, spiked shoes, gauge rake with appropriate cams set to desired depth, Magic Trowel®, stamps with touch up skins, Stamp-Tek™ liquid or powdered antique release, sprayer with clean water or Fritzpak® control finish.

Concrete Preparation and Evaluation

Concrete must be structurally sound and free of debris or contaminants. Use Fast Patch™ repair mortar to fill in all voids in excess of 1/4" and/or areas that need to be resloped for drainage, etc. flush to the surface. Repair all cracks with CR-Flex™ or CR-204™ epoxy crack repair materials and ground flush as well. Clean out all control joints using a diamond blade. After all repairs, clean with a solution of 4 parts water to 1 part muriatic acid followed by a thorough pressure washing to remove all latent materials. It is not necessary for the surface to be completely dry prior to application. If necessary, the surface may be cooled by spraying the surface with water, make sure there are no puddles of standing water. Installation ambient temperatures should not exceed 85°F.

Application

Before overlay placement, prime the surface generously with DuraSet™ VAE polymer using either a short napped roller or weed sprayer. A thin generous coat is all that is required. Make sure that no puddles are present. Over-priming is not necessary or recommended. Priming is recommended with or without a skim coat application.

Pour the material directly onto the surface immediately after mixing. No slaking (sitting in container after mixing) is required. Using a gauge rake, rake the material out until it is dispersed. Use spike shoes to walk in wet material.

After material has leveled, use a Magic Trowel® to remove gauge rake lines. Due to the unique polymerization of the mix, a Fresno or Funny Trowel may also be used, but should be performed only by skilled personnel, and after the material has solidified enough to support the weight. When material leaves an indent but does not transfer material to a finger when touched, it is ready for stamping or texture.

If Powdered Antiquing Release is to be used, apply at any time prior to stamping but only after the surface has been final smoothed. If Stamp-Tek™ liquid release is to be used, do not apply release until immediately before the stamp is to be applied. Apply a generous amount to the surface and the stamp mat as well. Do not allow puddles to form.

Stamping/Texturing

Apply stamps or texture mats as required. Unlike concrete, Stamp-Tek™ Stampable Overlay does not require heavy pressure or extreme tamping. Apply only enough pressure to seat the mat and provide an impression. Mats may be lifted occasionally to check the status of the pattern.

Allow 36-48 hours before foot traffic. Re-cut all control joints to the original substrate to avoid cracking. Remove all powdered release with water, brooms or a pressure washer to avoid damage. Stubborn release can be removed with a 8:1 water to muriatic acid solution applied with a plastic pump sprayer.

If desired, apply Concrete Coatings Inc. acid stains for color variations. Remove residue and neutralize before sealing.

Allow the overlay to cure for a minimum of 7 days, protect the surface with SuperSeal™ 2000, GemKote™ 100 or GemKote™ 400 VOC acrylic sealers. For additional sealer options or for additional support, please consult Concrete Coatings Inc. Technical Support at 800-443-2871.



CONCRETE COATINGS Micro-Toppings

Resurfacing Products For Concrete

Features

- ◆ Creates a new surface
- ◆ Available in white and natural gray
- ◆ No primer required
- ◆ Can be colored or stained

Installation Instructions and Tips

Coverage

One 50 lb. bag of micro-topping will cover 200-400 square feet.

Equipment and Supplies

Drill, mixing paddle, buckets, plastic weed sprayer, trowels, knee pads and squeegee or Magic Trowel®.

Concrete Preparation and Evaluation

Surface must be clean and reasonably dry. All crack repair etc, should have taken place prior to pressure washing, scarifying, grinding or shot blasting. Cut new control joints as required to prevent cracks transferring through the overlay. Pressure-wash all dust and laitents from the surface to ensure a clean surface. If high temperatures are imminent, the substrate may be misted with water immediately before the installation to cool the concrete. It is highly advisable to apply a thin skim coat consisting of DuraSet™ 1000/1001 polymer and G-100 Pro Series Grout Mix to the surface. Coloring of this coat is not necessary but advisable. Allow it to dry enough to walk on without causing damage.

Application

The surface should have been previously skimmed prior as mentioned above. Pour 25%-30% of the mix onto the surface. At this point, the material may be applied to large areas using a squeegee to spread the material and finished by hand or "funny trowel", or simply spread and troweled by hand. In either case, a thin coating is recommended and is all that is necessary. Material builds much over 1/8" are discouraged. For a nice, smooth, power troweled look, trowel the material near to final thickness and then flat trowel again after a few minutes much like you would regular concrete. Sweat and broom finishes can be accomplished in much the same manner.

Acid Staining

All Concrete Coatings Inc. micro-toppings are compatible with all Concrete Coatings Inc. chemical acid stains. If the surface is to be acid stained upon curing, it is recommended to apply a light mist of water to the surface immediately before acid stain application using a plastic pump sprayer.

Sealing

Although micro-toppings are durable, they must be sealed to maintain their integrity. Allow the overlay to cure for a

minimum of seven days, protect the surface with SuperSeal™ 2000, GemKote™ 100 and 400 VOC acrylic sealers. For additional sealer questions please consult Concrete Coatings Inc. technical support at 800-443-2871.

Maintenance

The sealed surface should be inspected periodically for areas of thin or traffic-worn sealer and reapplied as needed. A thorough cleaning is recommended prior to resealing to ensure debris or contaminants are not embedded in the subsequent sealer coat(s).

Warranty

This product is not intended for public use and is intended for use by licensed contractors and installers, experienced and trained in the use of these products. Concrete Coatings Inc. warrants its products to be free of manufacturing defects, to be of good quality, and they will meet concrete Coatings Inc. current published physical properties when applied in accordance with Concrete Coatings Inc. written directions and test in accordance with ACI, ASTM and Concrete Coatings Inc. Standards, Product proven to be defective will be replaced. User assumes all liability for the acceptability, use, safety and fitness for purpose of this product and Concrete Coatings Inc. shall not be liable for damages of any sort, including remote or consequential damages, resulting from any claimed breach of any warranty, whether expressed or implied, from any other cause whatsoever. There are no other warranties by Concrete Coatings Inc. of fitness for a particular purpose in connection with this product including wear or service life. Concrete Coatings Inc. will not be responsible for use of this product in a manner to infringe on any patent held by others.

