



TC

TEXTURE COAT
DECORATIVE TEXTURED SURFACES

Stamp-It™

Description

Westcoat Stamp-It is a ¼ inch polymer modified cementitious overlay. Stamp-It creates the look of stamped concrete over new or existing concrete.

Uses

Stamp-It is designed to transform aesthetically unattractive concrete into a very decorative surface. For use over existing concrete substrates such as driveways, walkways, patios, garage floors, courtyards, entryways, interior floors, restaurant floors, showrooms, and pool decks. Stamp-It can be installed in both the commercial and residential environments.

Advantages

- Cost Effective
- High Build
- Real Stamped Concrete Look
- Optional Skid Resistance
- Unlimited Colors
- Highly Decorative
- Variety of Textures and Patterns

Packaging

- EC-11 Water-Based Epoxy (1½ and 15 gallon kits)
- EC-72 Epoxy Patch Paste (½ and 2 gallon kits)
- TC-6 Stamp Texture Cement (50 lb bags)
- TC-40 Liquid Colorant (10oz Bottles)
- Stamp Release (1 gallon bottles and 5 gallon pails)
- SC-35X Water-Based Stain (1 and 5 gallon pails)
- SC-70 Acrylic Lacquer Sealer (1 and 5 gallon pails)

INSPECTION / PREPARATION

Inspection

Concrete must be clean, dry, and free of grease, paint, oil, dust, or curing agents. It should have a rough broom finish, be porous, and feel like 16-grit sandpaper. Drainage problems or puddling must be corrected prior to the installation of Stamp-It. The concrete must be a minimum of 2500 psi, 3 ½ inches thick, and meet local building codes.

Preparation

Cut open cracks with a diamond crack chaser, and remove any existing joint sealant. Shot blast or scarify the surface to create a heavily textured profile, vacuum and sweep, then water blast clean with minimum 3500 psi or greater water blaster.

APPLICATION

Crack Patch

Cut open small cracks and fill with EC-72. Use WP-47-3 Seam Tape to help reinforce the crack, then trowel EC-72 into the tape and smooth. Broadcast 30 silica sand onto the wet epoxy to provide a rough surface for the Stamp-It to bond. This remedial approach to patch cracks is not guaranteed and it should be noted that when the substrate moves, it could likely crack the Stamp-It material.

Primer

Mix 2 parts A with 1 part B, by volume, of EC-11 Water-Based Epoxy together for 3-5 minutes, or until completely combined. Apply the primer using a ½ to ¾ inch nap roller evenly over the surface to be coated. Apply at a rate of 250-300 sq. ft. per gallon. Within seconds of application, lightly broadcast the surface with 30 silica sand. This will aid adhesion of the stamp mix. Make sure not to allow the EC-11 to puddle, as it will not cure properly, and allow a minimum of 4 hours to dry.

Stamp Layer

Honor all expansion joints by identifying and tagging them using pins or concrete nails. The joints will be re-cut later in the process.

Combine 1 bag of TC-6 with approximately 4-5 quarts of water using a mechanical mixer. The best mixer has a heavy duty rectangular paddle. Mix at a low rpm until you have an even consistency. Add 1-4 ounces of the chosen TC-40 Liquid Colorant.

Pour the mix onto the primed surface and spread using a gauge rake set at ¼. Smooth slightly with a float or a trowel to remove rake lines or to detail as needed. Misting water onto the surface will aid in smoothing out the gauge rake lines. A simple garden sprayer works best. Coverage of TC-6 is about 25 square feet per bag at ¼ inch thick.

Allow the mix to harden until firm enough for stamping. Your hand should be able to slightly indent the surface, but the surface should not be too soft. When it is firm enough, spray the surface with Stamp Release. Apply the release to the stamps as well.

Place the stamps onto the surface and impress them slightly to create the necessary effect. Timing is everything. You should use caution if you are new to this process. Continue to mix, spread, and stamp as you go, paying special attention to timing.

The product will dry at different rates depending on mixing, temperature, humidity, and whether or not you are working in the shade or sun. At 55° stamping should be done in 3-5 hours, at 80° in as soon as 15-30 minutes.

Cutting and Detailing

After the Stamp-It has dried, locate all expansion joints as indicated by your tags or marks placed earlier. Snap lines and cut through the Stamp-It to honor all existing expansion joints. Scrape and grind all edges to give the installation a finished look. Rout all joints and perform any remaining repair or detailing of the surface. Grind joints back to virgin concrete.

Release Removal

Clean the surface using a Westcoat degreaser, mild dish soap, or TSP to remove all of the release previously applied. A floor scrubber or power washer will help to loosen and remove the film.

WB Stain

Apply SC-35X using a pump sprayer, airless sprayer, HVLP sprayer, brush, or broom. For a mottled effect, use water to predampen the surface before or in conjunction with the stain. Multiple colors and various amounts of water may be applied at the same time for a variegated finish. SC-35X can be applied in multiple coats to achieve a solid color. Water-Based Stain can be thinned using water, up to equal parts. Thinning will affect the depth of color and may require extra coats.

The coverage will vary depending on the surface. Up to 400 sq ft per gallon on a smooth surface and between

150-250 on rough surfaces. Product performs best if applied in thin, even coats. When temperatures are above 80° it may be necessary to dampen the surface prior to application to prevent material from drying instantly.

Sealer

Apply SC-70 Acrylic Lacquer Sealer by spraying, brushing, or rolling with a 1/2 to 3/4 inch nap non-shedding roller cover at the rate of 200-300 square feet per gallon. If rolled, neatly cut-in all edges with a brush and roll the center using a 1/2 inch to 3/4 nap, good quality roller cover.

Dry Time

Allow 2 to 6 hours drying time at 70°F before permitting light pedestrian traffic. For best results, allow to cure for 24 hours before direct traffic is permitted or additional coats are applied. Allow 48 hours before heavy objects are placed on the surface, and 72 hours before permitting vehicular traffic

Optional Materials

Sealer Options

- For textures requiring a more natural look, apply SC-42 WB Hybrid Acrylic Sealer.
- SC-65 WB Polyurethane can be used for a low odor, solvent free, mar & chemical resistant sealer.
- SC-66 Satin WB Polyurethane can be used for a low odor, solvent free, mar & chemical resistant sealer.
- Please read Product Specification Sheets on these products prior to use.

Skid Resistance

- CA-30 Safe Grip can be added to the final coat of sealer for added skid resistance.

Clean Up

Uncured acrylic material can be removed with soap and warm water. If cured, material can only be removed mechanically or with an environmentally-safe solvent.

MAINTENANCE

Exterior surfaces can be swept daily with water and a broom. For tougher dirt or grease use Westcoat CA-24 Degreaser diluted with water 20:1 and a soft bristle brush or broom, be sure to rinse well. To remove calcium or lime build up, brush 100 grain vinegar onto the surface; be sure to rinse any residue.

The Stamp-It System should be inspected for wear every 2 to 4 years. The system should be resealed with the appropriate Westcoat clear sealer every 3 to 5 years depending upon traffic and UV exposure. Contact the original installer of Westcoat for complete recoating instructions.

LIMITATIONS

- This system is designed for professional use only.
- Read Product Specification Sheets for every product you will be using before beginning the project.
- Do not apply at temperatures below 50°F or above 90°F.
- Rain will wash away uncured Westcoat acrylic products.
- If inclement weather threatens, cover deck to protect new application.
- Sealers will make the surface slippery, please be aware the texture of the surface and how the sealer will affect the look, feel, and skid resistance.
- Approval and verification of proposed colors, textures, and slip resistance is recommended.
- Do not allow Westcoat product to freeze.

HEALTH PRECAUTIONS

Inhalation of vapor or mist can cause headache, nausea, irritation of nose, throat, and lungs. Prolonged or repeated skin contact can cause slight skin irritation. Cements contain silicas, dust mask or respirator should be used when mixing, sanding or grinding.

If using solvent based products, they are extremely flammable. Extinguish all pilot lights and sources of ignition such as electrical motors. Be sure to have adequate cross ventilation prior to installing.

DISCLAIMER

PURCHASER'S SOLE AND EXCLUSIVE REMEDY AGAINST THE MANUFACTURER OF WESTCOAT, SHALL BE LIMITED SOLELY TO THE REPLACEMENT

OF ANY DEFECTIVE MATERIAL OR A PAYMENT BY THE MANUFACTURER IN AN AMOUNT EQUAL TO THE COST OF THE ORIGINAL MATERIAL.



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