



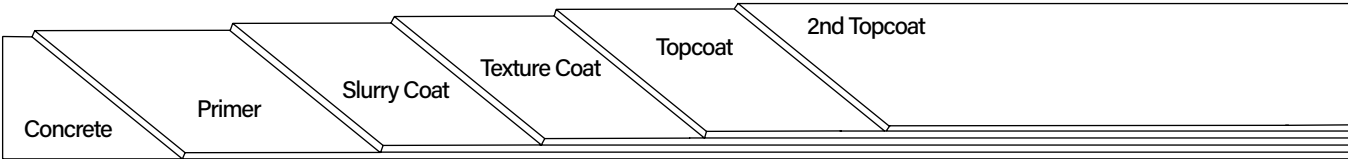
Description

Texture-Crete[®] System is a series of polymer-modified cementitious coatings that are bonded to the concrete with a variety of optional finishes and sealers. Texture-Crete[®] is a decorative topping designed to change plain concrete into a very decorative, durable and textured finish. Refer to the Texture-Crete[®] Custom Finish System for various patterns that can be simulated, from tile to flagstone and more.

Uses

Texture-Crete[®] systems were created to resurface concrete that is aesthetically unattractive. Some uses include driveways, walkways, patios, garage floors, courtyards, entryways, showrooms and pool decks. Texture-Crete[®] can be installed in both the commercial and residential environment. May also be used in interior living areas, as well as office space.

System Overview



System Data					
Coverages	Primer 250-350 ft ² per gallon	Slurry Coat 100-150 ft ² per batch	Texture Coat 150-200 ft ² per batch	Top Coat 200-300 ft ² per gallon	2nd Top Coat 200-300 ft ² per gallon
Components	WP-47A Seam Tape EC-72 Epoxy Patch Gel EC-11 Water-Based Epoxy TC-1 Basecoat Cement TC-3 Medium Texture Cement WP-81 Cement Modifier SC-10 Acrylic Topcoat		Shelf Life 1 year 2 years 3 years 1 year 1 year 2 years 2 years		

Advantages

Cost Effective • Fast Drying • Low Maintenance • Long Lasting • Skid Resistant Finish Available
• Unlimited Colors • Attractive • Interior or Exterior • Can be Installed Solvent Free • Variety of Textures and Patterns

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westcoat[®]
SPECIALTY COATING SYSTEMS

**SYSTEM
SPECIFICATION**

TC

TEXTURE COAT
DECORATIVE TEXTURED SURFACES

Texture-Crete[®] Standard Finish

Inspection

Concrete must be clean, dry and free of grease, paint, oil, dust, curing agents, laitance or any foreign material that will prevent proper adhesion. The concrete should be at least 2,500 PSI, porous and able to absorb water. A minimum of 28 days curing time is required on all concrete. Prior to starting work, test existing concrete slab for efflorescence, moisture and hydrostatic pressure.

Moisture

All concrete should be tested for moisture before applying a seamless coating. If moisture emissions exceed 4% by weight using a concrete moisture meter (ASTM F2659) or if the relative humidity (RH) exceeds 75% (ASTM F2170), please refer to the EC-15 Moisture Vapor Barrier Product Specification Sheet.

Preparation

Pre-cut and clean all cracks and joints with a concrete diamond blade to at least ¼ x ¼ inch. Prepare concrete to a profile equal to CSP 3 as specified by ICRI. Methods may vary according to the thickness of the coating to be applied and the condition and hardness of the concrete. Other factors include the forecasted use of the surface and the environment in which it is to be installed. When preparing the surface, use caution when shot blasting around pools, scarifying too aggressively, leaving grind marks or grinding too smooth.

Crack Treatment

Fill cracks with EC-72 Epoxy Patch Gel. WP-47A Seam Tape may also be used to help reinforce, in which case the EC-72 should be placed into the tape and smoothed with a trowel or putty knife. Broadcast fine silica onto the wet epoxy to provide a surface for the Texture-Crete[®] to bond. EC-72 should be allowed to dry completely prior to slurry coat application. This is a remedial approach to patch cracks and there is no guarantee that cracks will not reappear.

Concrete Repair

For concrete that needs repairs beyond just dormant cracks, TC-23 Mortar Mix can be used. TC-23 is designed to be used as a general concrete repair mix for horizontal and vertical applications and can be used as a patching/underlayment material under most Westcoat systems. Please refer to the TC-23 Mortar Mix Product Specification Sheet for details.

Free Style Pattern

Another way to deal with cracks is to cut a pattern using a crack chaser. While the slurry is being installed, clean out expansion joints and cracks with a margin trowel. Then simply incorporate a pattern of "fake cracks" along with the existing cracks, which create the look of flagstone by cutting with a crack chaser into any pattern you choose.

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Primer

Premix each component separately. In a clean bucket, mix 2 parts A with 1 part B (by volume) of EC-11. Mix thoroughly with a low speed (400-600 rpm) drill motor for 3-4 minutes. Make sure to scrape the sides and bottom of the container during mixing. EC-11 can be thinned with water, up to 50%. After mixing, dip and roll or spray and back roll the EC-11 onto the surface at a rate of 250-350 square feet per gallon. Do not allow material to puddle. Allow EC-11 to become tacky and trowel slurry coat into tacky primer. Do not let the primer dry and shell over, as this may prevent the slurry coat from properly adhering. Alternatively, you can roll the EC-11. Immediately broadcast 30 grit silica sand to refusal and allow the EC-11 to dry (1-4 hours at 70F degrees). Remove all loose sand prior to installing the slurry coat.

Slurry Coat

Create the slurry coat by adding one gallon of WP-81 Cement Modifier and up to ½ gallon of water into a clean mixing bucket and add one bag of TC-1 Basecoat Cement. Mix until uniform with a mechanical mixer at a low rpm. Trowel the slurry mix into the damp primer over the surface to achieve a smooth finish. Each batch will cover 100-150 square feet. Using a brush wet with water, feather all outside edges, seams and expansion joints. Apply the slurry coat continuously, keeping a "wet edge", blending each new mix into the prior mix. Stop only at existing seams in the concrete. After surface is dry, scrape or grind off any ridges or trowel marks. Re-apply slurry as needed to smooth all surfaces, being sure to honor all expansion joints.

Texture Coat

Pour one gallon of WP-81 Cement Modifier in a clean mixing bucket and add one bag of TC-3 Medium Texture Cement. Mix thoroughly with a mechanical mixer at a low rpm. Add up to ½ gallon of water to achieve the desired consistency. Using an acoustical hopper gun, spray the texture onto the deck with a circular motion to achieve approximately 70% coverage at a rate of about 150 to 200 square feet per batch. Spray continuously, do not stop in the middle of the deck. After a few moments, depending on the temperature, the texture must be "knocked down". Use a rounded pool trowel for best results. Wipe the trowel clean with a wet rag as needed. For an Orange Peel Texture, increase the air pressure and reduce the hole size on the hopper gun. Spray texture evenly at an 80% to 90% coverage rate. If you are unsatisfied with the results, immediately scrape off and re-spray. After the texture has dried (30 minutes to 1 hour at 70 degrees) lightly scrape any trowel marks and vacuum the surface prior to sealing. To avoid making impressions, the applicator should wear spiked shoes.

Topcoat

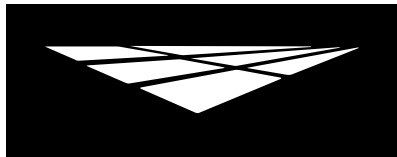
Do not apply if rain is forecast within 48 hours or heavy dew within 24 hours. If multiple batches of SC-10 are present, box all materials prior to use, to ensure color consistency. Use a mechanical mixer at a slow speed and mix material until a homogenous mixture and color is obtained. The material may be thinned by adding up to a maximum of one quart of water per gallon, for the first coat. For best results, it is not recommended to thin the final coat. Roll two thin applications of SC-10 using a ¾ inch roller at a rate of 200-300 square feet per gallon. Roll the material in two directions to achieve a uniform finish. Coverage will vary according to texture. For best results, allow SC-10 4-6 hours drying time at 70 degrees before permitting light pedestrian traffic or additional coats are applied. Allow 24 hours to cure before heavy traffic is permitted. Allow 48 hours before heavy objects are placed on the surface and allow 72 hours for vehicular traffic. Allow 5 days prior to any abrasion or chemical exposure.

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Optional Materials

Sloping

- TC-30 Slope Mix can be used to patch and fill holes, as well as correct slope or drainage issues, in concrete under the Texture-Crete System. Please read the TC Slope & Patch System Specification for details.

Concrete Repair Options

- TC-23 Mortar Mix may be used as a general concrete repair mix for horizontal and vertical applications and can be used as a patching/underlayment material.

Primer

- WP-81 Cement Modifier diluted one part to four parts water, can be used in lieu of EC-11, when a cost-effective, acrylic primer is desired.
- EC-12 Epoxy Primer can be used in lieu of EC-11, when maximum adhesion and 100% solids epoxy is desired. When using EC-12, apply at 200-300 square feet per gallon and broadcast 30 grit silica sand to refusal.

Skid Resistance

- CA-30 Small Safe Grip or CA-31 Large Safe Grip can be added to the final coat of SC-10 for added skid resistance.

Additional Topcoat

- SC-42 WB Acrylic Sealer may be applied over the SC-10 for added sheen and chemical resistance.

* Please refer to Product and System Specification Sheets for additional information.

Clean Up

Uncured material can be removed with soap and warm water. If cured, material can 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 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 diluted 100 grain vinegar onto the surface; be sure to rinse any residue.

The Texture-Crete[®] System should be inspected for wear every 2 to 4 years. The system should be resealed with the appropriate Westcoat sealer every 3 to 5 years depending upon traffic and UV exposure. Contact the original installer of Westcoat for complete re-coating instructions.

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.

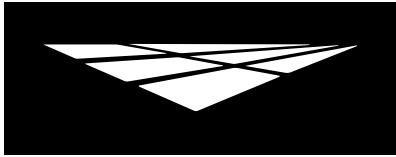
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Limitations

- 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 products to freeze.

Slip Precaution

Westcoat Specialty Coatings Systems highly recommends the use of a slip-resistant additive to all coatings/systems that may be exposed to wet, oily, greasy or slippery conditions. It is the end user's responsibility to provide a flooring system that meets current safety standards. Westcoat and its distributors will not be responsible for injury incurred during a slip and fall incident. For the current coefficient of friction requirements, please consult your local building codes.

Test Data

Test	Texture-Crete [®] Standard
Bond Strength to Concrete (ASTM C297)	278 PSI
Bond Strength after accelerated aging (ASTM C756)	249 PSI
Abrasion Test (ASTM D1242)	11% reduction
Freeze thaw on concrete (ASTM C67)	171 PSI
Concentrated Load (AC39)	No apparent damage
Water absorption (ASTM D570)	6.5%
Percolation Test (AC39 Sect. 4 G)	.25 Inches
Tensile Strength (ASTM C190-85)	855 PSI
Compressive Strength (ASTM C109-88)	5690 PSI
Flexural Strength	1835 PSI
Impact Strength	22 in/lbs

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