

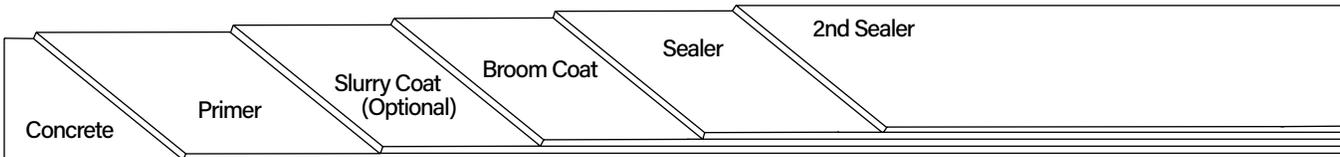
Description

Texture-Crete[®] Broom-On[™] is a polymer-modified cementitious coating, finished with a highly durable acrylic sealer. Texture-Crete[®] Broom-On[™] is designed to restore old, rough, stained or poorly finished concrete.

Uses

Texture-Crete[®] Broom-On[™] is a system used to cover concrete that is aesthetically unattractive. Some uses include: driveways, walkways, patios, garage floors, courtyards, entryways, showrooms and pool decks. Texture-Crete[®] Broom-On[™] can be installed in both commercial and residential environments.

System Overview



System Data					
Coverages	Primer 250-350 ft ² per gallon	Slurry Coat (Optional) 150-200 ft ² per batch	Broom Coat 150-200 ft ² per batch	Sealer 300-600 ft ² per gallon	2nd Coat Sealer 300-600 ft ² per gallon
Components	EC-11 Water-Based Epoxy WP-81 Cement Modifier EC-76 Cove Gel TC-5 Grout Texture Cement SC-42 WB Acrylic Sealer		Shelf Life	3 years 2 years 2 years 1 year 3 years	

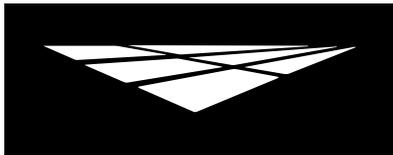
Advantages

Cost Effective • Low Odor • Fast Drying • Skid Resistant Finish • Unlimited Colors • Attractive • Safe, No Solvents

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.

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SPECIALTY COATING SYSTEMS

**SYSTEM
SPECIFICATION**

TC

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DECORATIVE TEXTURED SURFACES

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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 or grinding too smooth.

Crack Treatment

Fill cracks with EC-76 Cove Gel. WP-47-3 (3 inch seam tape) may also be used to help reinforce, in which case the EC-76 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-76 should be allowed to dry completely prior to primer application.

For additional reinforcement, place WP-47 Fiberlath over the dry EC-76. Mix four gallons of WP-90 Waterproofing Resin with one bag TC-5 Grout Texture Cement and trowel into the WP-47 Fiberlath. 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.

Primer

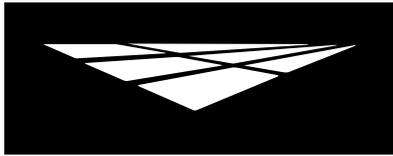
Premix each component separately. In a clean bucket, mix 2 parts A with 1 part B (by volume) of EC-11. Mix thoroughly with a low speed (400-600 rpm) drill motor for 3-4 minutes. Make sure to scrape the sides and bottom of the container during mixing. EC-11 can be thinned with water, up to 50%. After 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.

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Slurry Coat (Optional)

To pre-patch and smooth the surface before the broom coat, you may apply a slurry coat. For best results, trowel the Slurry Coat into damp WP-81 primer. Mix the slurry coat by adding ¾ gallons of WP-81 Cement Modifier and up to ¾ gallons of water into a clean mixing bucket and add one bag of TC-5 Grout Texture Cement. Mix until uniform with a mechanical mixer at a low rpm. Trowel the slurry mix over the surface to achieve a smooth finish. 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. Coverage of the slurry coat is approximately 150-200 square feet per batch.

Broom Coat

Combine 1 bag of TC-5 Grout Texture Cement into ½ gallon of WP-81 and up to 1 gallon of water to achieve the desired consistency. Mix thoroughly with a low rpm drill motor. Pour the mix onto the surface and squeegee or trowel into place, generally as thin as possible. Using a push broom, immediately broom through the material leaving the desired finish. A small paintbrush may be used to pre-brush and feather edges. Be sure to feather to all expansion joints. After the surface has hardened enough to walk on (usually 1-4 hours) scrape the surface to remove unwanted material. Broom-on coverage is approximately 150-200 square feet per batch.

Sealer

SC-42 WB Acrylic Sealer should be applied in two thin coats using a ¾ inch roller at a rate of 300-600 square feet per gallon. Roll the material in two directions to achieve a uniform finish. Coverage will vary according to texture. For small areas or in locations with cool temperatures, one coat of SC-42 at 200-300 square feet per gallon may be applied. The amount of sealer applied will effect skid resistance and ease of cleaning. More sealer will make the surface more slippery and also easier to clean. Additional sealer may be applied in high traffic areas and will increase gloss.

Dry Time

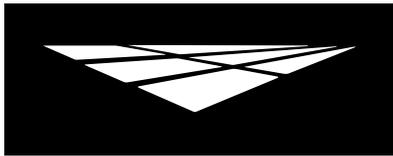
Allow 4 to 6 hours drying time before permitting light pedestrian traffic. Allow 24 hours to cure before heavy traffic is permitted. Allow 48 hours before heavy objects are placed on the surface. Allow 72 hours for vehicular traffic.

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Optional Materials

Patching

- WP-90 Waterproofing Resin can be used with TC-5 and WP-47 Fiberlath when additional reinforcement is required. Please contact your Westcoat Representative for further information.
- TC-30 Slope Mix can be used to patch and fill holes in concrete under the Texture-Crete System. Please read the TC Slope & Patch System Specification for details.

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.

Cement 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.

Coloring Option

- TC-40 Liquid Colorant can be used to integrally color the TC-5. For color consistency, estimate the total amount of water for the project and add the desired amount of Liquid Colorant. Stir frequently to keep the color suspended, add water to the mix.

Sealer Options

- SC-65G WB Gloss Polyurethane Sealer, SC-65F WB Flat Polyurethane Sealer and SC-65SG WB Semi-Gloss Polyurethane Sealer can be used for a low odor, solvent free, mar and chemical resistant sealer.
- SC-70F can be used when a natural look, acrylic lacquer finish is required.

* Please read Product Specification Sheets on these products prior to use.

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 clear 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.

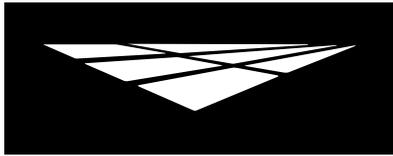
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Limitations

- 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.

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