westcoat®
SPECIALTY COATING SYSTEMS

SYSTEM SPECIFICATION

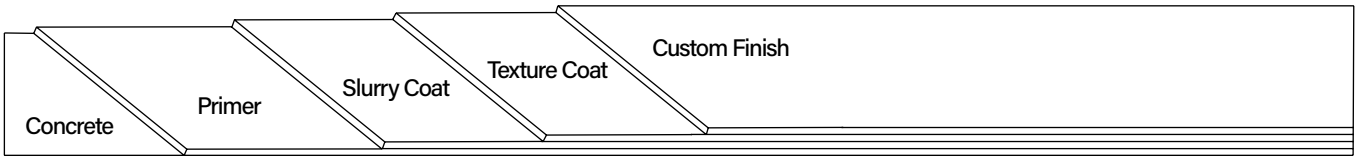
TC TEXTURE COAT
DECORATIVE TEXTURED SURFACES

Texture-Crete® Interior Custom Finish

Description
Westcoat's Texture-Crete® Interior is a decorative topping designed to resurface plain concrete into a decorative and durable finish. The system is a series of polymer-modified cementitous coatings that are bonded to concrete. It is applied with a mild texture, colored with water-based stains and finished with a satin sealer to give a truly unique finished floor.

Uses
The Texture-Crete® Interior can be used in residential as well as commercial floors for pedestrian traffic. Texture-Crete® Interior is perfect for use in living areas, lobbies, offices, restaurants and hotels or wherever a decorative and durable floor finish concrete is desired.

System Overview



System Data

Coverages	Primer 250-350 ft² per gallon	Slurry Coat 200-250 ft² per batch	Texture Coat 250-350 ft² per batch	2nd Texture Coat 250-350 ft² per batch	WB Stain 200-600 ft² per gallon	EC-32 Sealer 300-500 ft² per gallon	SC-65F Sealer 400-650 ft² per gallon

Components		Shelf Life
	EC-76 Cove Gel	2 years
	EC-11 Water-Based Epoxy	3 years
	TC-2 Smooth Texture Cement	1 year
	TC-4 Fine Texture Cement	1 year
	WP-82 Low Odor Cement Modifier	2 years
	TC-40 Liquid Colorant	1 year
	SC-35 Water-Based Stain	2 years
	EC-32 Clear Epoxy Topcoat	2 years
	SC-65F WB Flat Polyurethane Sealer	1 year

Advantages
Cost Effective ▪ Minimal Downtime ▪ Low Maintenance ▪ Long Lasting ▪ Optional Skid Resistance ▪ Unlimited Color Variations ▪ Patterns ▪ Can be Installed Solvent Free and Low VOC ▪ Typically under ⅛ inch thick, can be feathered ▪ May contribute to LEED credits

Texture-Crete® Interior Custom 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 5 lbs/1000 square feet (ASTM F1869) 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. Cut, grind and bevel all termination points where traffic is expected. Prepare concrete to a profile equal to CSP 3 as specified by ICRI.

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.

Slurry Coat
Create the slurry coat by combining 1 gallon of WP-82 Cement Modifier and up to ½ gallon of water in a clean mixing bucket, then add 1 bag of TC-2 Smooth Texture Cement or TC-4 Fine Texture Cement and TC-40 Liquid Colorant of choice. Mix until uniform with a mechanical mixer at a low rpm. Trowel the slurry mix over the surface to achieve a smooth finish. Apply the slurry coat continuously, keeping a "wet edge" and blend each new mix into the prior mix. After surface is dry, scrape or grind off any ridges or trowel marks. Coverage of the slurry coat is approximately 200 to 250 square feet per batch. You may sand before and after coats. A second slurry coat may be applied to create a more uniform surface.

Texture Coat
Combine one bag of TC-4 or TC-2 Cement with one gallon of WP-82 Cement Modifier and TC-40 Liquid Colorant of choice and mix thoroughly with a low rpm drill motor. Be sure to carefully rinse the container to remove all the colorant. Add up to ½ gallon of water to achieve the desired consistency. Make sure to use the exact same amount of water and colorant for each mix and combine completely to maintain consistent color and texture. Trowel the TC-4 as smooth or textured as desired. After the TC-4 has dried, lightly sand the surface with 120 grit or finer sand paper or sanding screen, to remove all trowel marks if desired. Vacuum the entire area to remove all dust. Apply a second coat of TC-4 following the directions above. Coverage of the TC-4 is approximately 250 to 350 square feet per batch.

WB Stain
Apply SC-35 using a pump sprayer, airless sprayer, HVLP sprayer, brush or broom. For a mottled effect, use water to pre-dampen 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-35 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.

Based on the texture and desired color, the coverage will range from 200-600 square feet per gallon. Product performs best if applied in thin, even coats. When temperatures are above 80 degrees, it may be necessary to dampen the surface prior to application to prevent material from drying instantly.

Sealers
Mix 2 parts A with 1 part B (by volume) of Westcoat EC-32 Clear Epoxy Topcoat together for 3 to 5 minutes. Thin with 10% Westcoat CA-23 and apply at a rate of 300 to 500 square feet per gallon with a ⅜ inch non-shedding, nap roller, using a brush to cut in. After the EC-32 has dried, lightly scrape or sand off any imperfections. If more than 24 hours have passed, the EC-32 must be sanded and wiped with acetone, prior to application of the SC-65F.

For SC-65F application, pre-mix each component separately. In a clean bucket, mix 3 parts A with 1 part B (by volume) of SC-65F Water-Based Flat Polyurethane Sealer. Mix thoroughly with a low speed (200-300 rpm) drill motor for 2-3 minutes. Make sure to scrape the sides and bottom of the container during mixing. Immediately after mixing, apply the SC-65F onto the substrate at the rate of 400-650 square feet per gallon. SC-65F can be sprayed or rolled. For best results, spray SC-65F neat, with an airless sprayer. SC-65F may be applied with a squeegee and back rolled with a ¼ to ⅜ inch, high-quality, non-shedding roller cover, being sure to maintain a wet edge. Alternatively, SC-65F can be applied with a dip and roll method, as desired.

Dry Time
Allow a minimum of 12 hours at 70 degrees, before permitting light foot traffic. Normal traffic may be permitted after 24 hours. Allow 48 hours before placing heavy objects on the surface.

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-82 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 Modifier
- WP-81 can be used in place of WP-82 where odor is not an issue.

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 Options
- SC-30 Acid Stain can be used in place of Water-Based Stain for a unique mottled look.

Sealer Options
- EC-95G Gloss Polyurethane Topcoat or EC-95F Flat Polyurethane Topcoat may be installed over the EC-32 for the ultimate high build, mar and chemical resistant finish, where odor and flammability is not an issue.
- SC-65G WB Gloss Polyurethane Sealer can be applied over the EC-32 for a low odor, solvent free, mar and chemical resistant sealer.
- SC-65SG WB Semi-Gloss Polyurethane Sealer can be applied over the EC-32 for a low odor, solvent free, mar and chemical resistant sealer.
- EC-101 Polyaspartic 100% Solids may be used in lieu of the EC-32 as a high gloss, quick dry, high build, mar and chemical resistant finish.

Skid Resistance
- CA-29 Mini Safe Grip or CA-30 Safe Grip can be added to the final coat of sealer for added skid 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
Interior floors can be dust mopped daily or mopped using a neutral PH cleaner. For more information on floor care and maintenance, please refer to the General Maintenance sheet.

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.

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.

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.
- 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.
- Use dustless equipment when possible.
- Light wheel and foot traffic only.
- 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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