westcoat®

SYSTEM SPECIFICATION

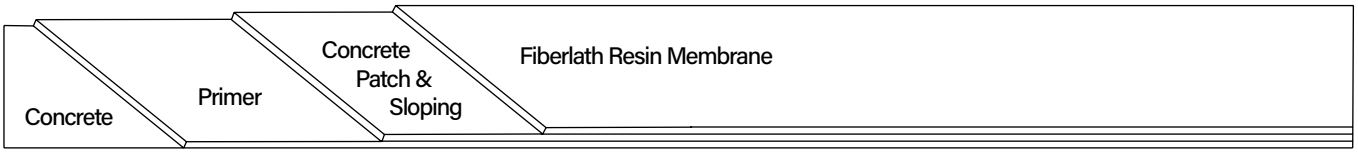
TC TEXTURE COAT
DECORATIVE TEXTURED SURFACES

TC Slope & Patch

Description
TC Slope & Patch features Westcoat's TC-30 Slope Mix and was developed to aid in patching, sloping or repairing concrete in conjunction with the Texture-Crete® system.

Uses
TC Slope & Patch is used to patch and fill holes in concrete and can also be used to slope or build up low areas before installing the Texture-Crete® System.

System Overview



System Data

Coverages	Primer	Concrete Patch	Fiberlath Resin Membrane
	250-350 ft² per gallon	50 ft² at ⅛ inch per batch 6.25 ft² at 1 inch per batch 2 ft² at 3 inches per batch	250 ft² per batch

Components		Shelf Life
	EC-11 Water-Based Epoxy	3 years
	TC-30 Slope Mix	1 year
	WP-47H Fiberlath Heavy Duty	5 years
	WP-90 Waterproofing Resin	2 years

Advantages
Fast Drying ▪ Minimal Shrinkage ▪ Cost Effective ▪ Water Resistant ▪ Easy to Use ▪ Can be Feathered ▪ Use for Sloping

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.

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Preparation
Remove all loose, cracked or broken material. Prepare concrete to a profile equal to CSP 3-5 as specified by ICRI. If the surface is not porous, the material will not bond as well.

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 place the TC-30 into the tacky primer. Do not let the primer dry and shell over, as this may prevent the TC-30 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 TC-30.

Coverage
Coverage for the slope material will depend on the thickness of each batch. One batch will equal approximately 50 square feet at ⅛ inch, 6.25 square feet at 1 inch and 2 square feet at 3 inches.

Mixing
Combine one 50 pound bag of TC-30 with up to 4 quarts of water. Add the TC-30 slowly to the water during the mixing process and evaluate the material's consistency to ensure desired workability. For sloping, it is recommended to start with ~3 quarts of water when mixing. Additional water or TC-30 may be needed depending upon the environmental conditions at the time of application. Do not exceed 4 quarts of water per 50 pound bag.

Applying Product
If placing over a sand broadcast, lightly mist the surface with water before applying the TC-30. Place the mixture into or onto the area to be sloped. Using a screed, hand float or trowel, level or slope and smooth the material once. TC-30 may be broom finished after placement. Material may be applied at the desired thickness (feathered edge to 3 inches). One bag of TC-30 will cover ~50 ft² at ⅛ inch ~6.25 ft² at 1 inch or ~ 2 ft² at 3 inches.

Dry Time
Allow the material to dry for 6-8 hours for light foot traffic. Allow 12 hours before coating. Allow 72 hours for full service or heavier loads. All dry times based at 70F degrees / 50% Relative Humidity.

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Fiberlath Resin Membrane
Shrinkage cracks may occur and it is recommended to apply WP-47H Fiberlath Heavy Duty and a MACoat mix over all sloped areas. Allow the TC-30 to dry for 12 hours before coating. Lay out WP-47H reinforcing mesh on the deck, overlapping the seams approximately 2 inches. Combine one bag of TC-1 Basecoat Cement with five gallons of WP-90 Waterproofing Resin and mix with a mechanical mixer until uniform. Pour the mixture into the WP-47H, trowel thin and smooth at the coverage rate of approximately 250 square feet per batch. Use a paintbrush to spread the base coat on the flashing, ensuring the mixture covers all seams and corners. Using a brush, wet with water, feather all outside edges. Allow surface to dry for 1-4 hours at 70F degrees. Scrape off any high spots or ridges.

Optional Materials
Optional Sloping Technique
- Combine ½ gallon of WP-81 Cement Modifier with one bag of TC-1 Basecoat Cement and between ½ and ¾ of a gallon of water. Mix until uniform with a mechanical mixer at a low rpm. Place the mixture into or onto the area to be sloped. Using a screed, hand float or trowel, level and smooth the material once. The material is too sticky to be refinished or hard troweled. After material has hardened, scrape off loose or uneven material. Maximum thickness should be ½ inch and should be applied ¼ inch at a time.

Primer
- 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.

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.

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.

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.
- Sloping on a moving substrate may cause material to crack.
- Concrete Patch is not designed to flex.
- Do not allow Westcoat products to freeze.