



**TC**

**TEXTURE COAT**  
DECORATIVE TEXTURED SURFACES

**Fast Stain**

**Polish**

#### Description

The Fast Stain Polish System incorporates Westcoat SC-21 Lithium Silicate and SC-36 Fast Stain into a polishing system, that will provide a long lasting concrete surface with varying degrees gloss and color.

- Unlimited Colors
- Highly Decorative
- Low Maintenance
- Breathable System
- Various Degrees of Gloss

#### Uses

The Fast Stain Polish System is designed to revitalize and transform concrete into a reflective semi impervious surface. For use over existing interior concrete substrates such as garage floors, restaurant floors, showrooms, it can be installed in both commercial and residential environments.

#### Packaging

- SC-21 Lithium Silicate (1 & 5 gallon pails)
- SC-36 Fast Stain (1 & 5 gallon units)
- SC-30 Acid Stain (1 & 5 gallon pails)
- EC-76 Cove Gel (1.5 and 15 gallon kits)

Note: System components may vary, depending on desired result.

#### Advantages

- Cost Effective
- No delamination

## INSPECTION / PREPARATION

#### Inspection

Concrete must be clean, dry, and free of grease, paint, oil, dust, or curing agents and have a minimum of 28 days cure. The concrete must be a minimum of 2500 psi, 3 ½ inches thick, and meet local building codes

#### Preparation

Remove all debris and construction materials. Remove existing floor coatings, paint and all non concrete materials.

## APPLICATION

#### Crack & Chip Repair

Repair cracks and chip outs after the first metal bond diamond grind and clean. Cut open small cracks and fill with EC-76 Cove Gel. Use the concrete dust collected from the first pass to thicken the EC-76 Cove Gel. Add the dust to mixed EC-76 to desired viscosity. Cracks, spalls, holes and pits should be overfilled and allowed to dry properly. This remedial approach to patch cracks is not guaranteed and it should be noted that when the substrate moves, the crack may reappear. Repaired areas will be visible.

applying to a very porous surface, a second coat may be applied after the first coat has dried. Allow the SC-21 to dry before continuing.

#### Polishing

Begin with 30/40 grit metal bond diamond or lower to cut the floor at the desired level. Broom and vacuum to remove any residual dust. Gradually reduce the coarseness of the diamonds and transition to resin bond. A transitional diamond is helpful in removing scratches. Move to a 200 grit resin bond diamond, broom, and vacuum to remove dust.

#### Coloring

The Fast Stain should be applied prior to the final resin bond pass. This will allow the Fast Stain to penetrate and to be polished up to meet the desired gloss.

For Low gloss: Polish up to 200 grit and apply the SC-36 Fast Stain. Mix SC-36 Fast Stain with acetone place material into a solvent safe, pump style sprayer. Apply at a rate of 200 to 400 sq. feet per gallon. Coverage will vary due to porosity and desired effect. Let the SC-36 dry for 20 minutes before applying additional colors. Be sure to cross ventilate and allow the solvent to dissipate prior to polishing.

#### Densify

At about the 200 grit stage, apply SC-21 Lithium Silicate at a rate of 400 to 500 sq feet per gallon wetting the surface evenly, do not allow the SC-21 to puddle. When

Continue to polish up to 400 grit and burnish with a 800-grit diamond impregnated pad clean and move to a 1600-grit pad. Be sure to clean pad between each diamond change.

For a Medium Gloss: Polish up to 400 grit and apply the SC-36 Fast Stain. Mix SC-36 with acetone place material into a solvent safe, pump style sprayer. Apply at a rate

of 200 to 400 sq. feet per gallon. Coverage will vary due to porosity and desired effect. Let the SC-36 dry for 20 minutes before applying additional coats. Be sure to cross ventilate and allow the solvent to dissipate prior to polishing.

Continue to polish up to 800-grit using resin bond diamonds. Then burnish with 800 and then 1600-diamond impregnated pad. Be sure to clean pad between each diamond change.

For High Gloss: Polish up to 800 grit and apply the SC-36 Fast Stain. Mix SC-36 with acetone place material into a solvent safe pump style sprayer. Apply at a rate of 200 to 400 sq. feet per gallon. Coverage will vary due to porosity and desired effect. Let the SC-36 dry for 20 minutes before applying additional colors. Be sure to cross ventilate and allow the solvent to dissipate prior to polishing.

Continue to polish up to 1600-grit using resin bond diamonds. Then burnish with a 1600 and 3000- grit diamond impregnated pad. Be sure to clean pad between each diamond change.

#### Coloring Option

##### Acid Stain

The SC-30 Acid Stain should be applied prior to the final

resin bond pass. Using a plastic garden sprayer, spray the SC-30 Westcoat Acid Stain onto the surface evenly. Immediately after spraying, brush or broom the material into the concrete in a circular fashion. Whether brushing or brooming, do so consistently, as it will affect how the acid reacts. As you brush the acid, it will foam and react with the concrete. Varying degrees of foaming will occur in different areas and the color may not show right away. This is a chemical reaction and some colors react slower than others. You must continue to apply fresh acid ahead of the brush. Once the foaming has stopped, the acid is done working. Make sure to apply fresh material to each new area. The foamed material should not be applied to the untreated area, as it will not chemically stain the surface properly. Additional applications may be performed to darken the surface further after the first application has dried. (You may also wish to work 2 or 3 colors into the surface to achieve a unique look.)

Once the surface has reacted and dried (usually 2-6 hours) you must scrub and rinse off all residue completely. Additional stain may be applied at this point, but you will need to rinse again. Make sure to scrub, mop, and completely rinse the surface, and allow to completely dry before your final polish. Be sure to safely and properly dispose of the residue. Continue to polish to desired gloss level.

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## MAINTENANCE

The Fast Stain Polish System should be inspected for wear every 2 to 4 years. The polished floor can be rejuvenated by repeating the final steps of the polishing process. In some cases, simply burnish with a high speed burnisher with a diamond impregnated pad to rejuvenate the gloss.

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## 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.

Be sure to extinguish all pilot lights and sources of ignition, ventilate the area prior to starting the job. Acetone fumes are **EXTREMELY FLAMMABLE**.

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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.
- For interior use only.
- Use dustless equipment when possible.
- Concrete contains silicas, dust masks or respirators should be used.
- Be sure to paper off any areas that you do not want

- stained.
- Will not hide imperfections or stains in concrete.
- Fast Stain will stain concrete and can produce a mottled look. Colors and effects will vary.
- Fast Stain will fade with prolonged exposure to sunlight.
- Gloss and results will vary as concrete varies. Not all concrete can be polished.
- Approval and verification of proposed colors, textures, and slip resistance is recommended.

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## 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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