



**SC-30 Acid Stain**

**Description**

Westcoat SC-30 Acid Stain is made from an acid solution, wetting agents, and metallic ions. When this solution is placed on concrete it can color the concrete (or cement) by chemically combining the metallic ions with particles in the concrete to form oxides.

- Unique Colors
- Flat Finish
- Penetrating
- Permanent
- No Film Build Up
- Chemical Stain

**Uses**

SC-30 is designed to penetrate and react with concrete, and Westcoat cement, producing a variety of mottled colors. It can be used on both interior and exterior projects including showrooms, restaurants, cafes, breweries, garage, pool decks, patios and driveways.

**Packaging**

SC-30 (1 and 5 gallon pails)(8 oz samples available)

**Color**

- |          |             |
|----------|-------------|
| Aqua     | Autumn Leaf |
| Avocado  | Black       |
| Bronze   | Canyon      |
| Chestnut | Chocolate   |
| Mint     | Walnut      |

**Advantages**

- Fast Drying

**INSPECTION / PREPARATION**

**Inspection**

Concrete must be clean, dry, and free of grease, paint, oil, dust, curing agents, or any foreign material that will prevent proper adhesion. The concrete should be at least 2500 psi and feel like 60 to 80 grit sandpaper. The concrete should be porous and be able to absorb water. A minimum of 28 days cured is required on all concrete. Prior to starting work, test existing concrete slab for efflorescence, moisture, and hydrostatic pressure.

**Preparation**

Prepare surface by sanding, power washing and/or power scrubbing to achieve a clean, uniform surface that will allow product to soak in and react with the cement in the concrete. Acid washing is not recommended and will be detrimental to the final effect. Clean surface entirely with TSP and/or a degreaser and rinse completely several times with clean water.

**APPLICATION**

**Thinning**

Thin SC-30 with up to 5 parts of water for staining concrete, and up to 20 parts of water when applying over Westcoat cements. Always do a sample before beginning the job. Thinning will effect the depth of color..

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 done to darken the surface further after the first application has dried. (You may also wish to work 2 to 3 colors into the surface to achieve a unique look).

**Coverage**

The coverage will vary depending on the surface. Apply as thin as possible at 200-400 square feet per gallon on most surfaces, depending on strength.

Once the surface has reacted and dried (usually 2-6 hours) you must scrub and rinse off all residue completely. This could be considered the most difficult part of the application. You can take advantage of this time to confirm the color, as the water will simulate the "wet look" of solvent-based sealers. Additional stain may be applied at this point, but you need to rinse again. Make sure to scrub, mop, and completely rinse the surface and allow to dry. Be sure to safely and properly dispose of the residue.

**Applying Product**

Using a plastic garden sprayer, spray the 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 effect 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 color may not show right away, remember 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

Failure to completely remove all residues prior to sealing the surface will cause appearance defects, adhesion loss or peeling, reduced durability, and possible bonding failure and delaminating of the sealer.

## Clean Up

Uncured material can be removed with soap and water. If cured, material can only be removed mechanically.

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## LIMITATIONS

- Concrete must be free of sealers, wax, or curing agents.
  - Do not tint.
  - Works best over smooth concrete.
  - Will not hide imperfections or stains in concrete.
  - Product will stain concrete and produce a mottled look.
  - Acid Stain may fade with prolonged exposure to sunlight.
  - Colors and effects will vary.
  - Read Product Specification Sheets for every product you will be using before beginning the project.
  - Do not apply at temperatures below 40°F.
  - Older concrete may not accept stain.
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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.

### Caution

This product contains hydrochloric acid. Wear goggles and rubber gloves when handling. Mask out all surrounding surfaces, and be sure that area is well ventilated. Store unused material in plastic containers only. Metal containers must not be used.

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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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