



westcoat[®]
SPECIALTY COATING SYSTEMS

**PRODUCT
SPECIFICATION**

SC

SURFACE COAT
PROTECTIVE SEALERS & STAINS

SC-35 Water-Based Stain

Description

SC-35 Water-Based Stain is a water-based color stain product. It is an easy one step way to stain safely. Unlike acid stains, there is no need for rinsing or neutralizing and there are no caustic ingredients. Available in 13 standard colors from natural earth tones to vibrant reds and blues. Colors can be blended to create custom colors.

Uses

SC-35 is designed to be used as a coloring system for Westcoat's Texture Crete[®], ALX[™] & MACoat[™] systems and over existing concrete in light foot traffic, residential areas. SC-35 can be used in conjunction with Acid Stain as a highlight color.

Advantages

Water-Based Low Odor • Durable • Low Gloss • Easy to Use • Can be Applied Over Many Other Acrylics • Can be Sealed with Both Solvent and Water-Based Sealers • Colors Can be Blended • No Rinsing Needed

Product Data			
Packaging	1 gal jug & 5 gal pail	Colors	Adobe, Armor, Camel, Copper, Ivory, Mahogany, Olive, Onyx, Sahara, Sepia, Shale, Sienna, Umber
Coverages	150-600 ft ² over Westcoat cements 600-1000 ft ² over concrete	Mix Ratio	N/A - May be thinned with water if needed (see "Thinning" paragraph for further information).
VOC Content	<50 gm/l	Shelf Life	2 years in unopened packaging

Inspection

Substrate must be clean, dry, and free of grease, paint, oil, dust, curing agents, or any foreign material that will prevent proper adhesion.

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), contact the manufacturer before application.

Preparation

For concrete, the surface should be at least 2500 psi and have cured for a minimum of 28 days. Prepare concrete to a profile equal to CSP 2-3. You may mechanically profile by grinding or shot blasting. The concrete should be porous and be able to absorb water. Prior to starting work, test existing concrete slab for efflorescence, moisture and hydrostatic pressure. Vacuum surface entirely and ensure that any dust or contaminates are removed. Failure to remove dust or contaminates will prevent stain from adhering properly.

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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Thinning

Water-Based Stain can be thinned using water, up to equal parts. Thinning will effect the depth of color.

Coverage

The coverage will vary depending on the surface and the overall desired look. For applications over Westcoat's acrylic cements, coverage is approximately 150-600 square feet per gallon. For applications directly over concrete, coverage is approximately 600-1000 square feet per gallon. Product performs best if applied in thin even coats. For best results, filter prior to spraying.

Applying Product

Before beginning any project, it is recommended that a mock-up be installed to help indicate the overall look and finish. SC-35 can be applied on dry or slightly damp concrete or over acrylic cements. SC-35 can be applied using a variety of methods, depending on the desired look and effect. SC-35 can be applied with: a pump sprayer, airless sprayer, pressure pot, gravity feed HVLP, sponge, brush, cotton rag or broom for application methods. For best results, a pump sprayer with a conical tip can be used to evenly distribute the stain. Straining or filtering the material before pouring into the sprayer, can help avoid clogging. Do not apply when temperatures are below 50F degrees or above 90F degrees. When temperatures are above 80F degrees, it may be necessary to dampen the surface prior to application, to prevent material from drying instantly. This product needs some wet time for the stain to properly penetrate the surface. Multiple colors may be applied at the same time for a variegated finish. Re-coat in ½ to 1 hour at 70F degrees, if needed. Stain is designed to be applied in one to two coats, depending on the overall look. Do not apply this material too thick, as it may affect the semi-transparent look and may prevent from proper penetration and adhesion.

Clean Up

Uncured material should be removed with soap and warm water. Cured material should 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.

Limitations

- This product is designed for professional use only.
- Do not apply at temperatures below 50°F or above 90°F.
- Be sure to paper off any areas that you do not want stained.
- Will not hide imperfections or stains in concrete.
- Water-Based Stain will stain concrete and can produce a mottled look. Colors and effects will vary.
- If concrete is not prepped properly and/or stain is applied too thick, it may peel.
- Water-Based Stain must be sealed.
- Water-Based Stain will fade over time with prolonged exposure to sunlight.
- Do not allow any Westcoat products to freeze.

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