



westcoat[®]

PRODUCT SPECIFICATION

SC

SURFACE COAT
PROTECTIVE SEALERS & STAINS

SC-37 Nano Stain

Description

Westcoat's SC-37 Nano Stain is a semi-transparent, decorative concrete stain. Nano technology allows for deeper penetration into concrete substrates. SC-37 allows for an easy, one-step application to safely stain. There are no caustic ingredients and unlike acid stain, there is no need for neutralizing or rinsing. Available in 12 standard colors from natural earth tones to vibrant reds and blues. Colors can be blended to create custom colors.

Uses

Designed to be used as a coloring system for Westcoat's Nano Stain Grind & Seal, Nano Stain Prep & Seal systems or Level-It™ Grind, Stain and Seal system. SC-37 can be used in interior and exterior applications for light foot traffic areas.

Advantages

Water-based • Low Odor • Durable • Low Gloss • Deep Penetrating • Easy to Use • Can Be Sealed With Both Solvent and Water-Based Sealers • Colors Can Be Blended • No Rinsing Needed

Product Data			
Packaging	1 gal jug	Colors	Almond, Barley, Cobalt, Eucalyptus, Hibiscus, Hickory, Huckleberry, Iris, Manzanita, Oak, Obsidian, Oyster
Coverages	400-800 ft ²	Mix Ratio	N/A - May be thinned with water if needed (see "Thinning" paragraph for further information).
VOC Content	<100 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, as these will deter adhesion.

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

SC-37 Nano Stain can be thinned using water as needed. Thinning will affect the depth and intensity of the color. For general use, thinning and applying multiple coats is recommended. A test panel or mock-up should be performed, prior to the application.

Coverage

The coverage will vary depending on the surface, application method and desired look. For best results, apply stain as thin as possible at approximately 400-800 square feet per gallon.

Applying Product

If different batches or more than one container of SC-37 are to be used, all material should be boxed or mixed together prior to application. All material should be shaken before use and should be shaken periodically during use. Nano Stain can be strained or filtered before application, if needed. SC-37 may be applied using a pump sprayer, airless sprayer, broom or other application methods depending on the desired look. Prior to application, a mock-up should be performed to verify the desired color and effect. Do not apply when temperature is below 50F degrees or above 90F degrees. The surface may be dampened with water before applying the stain. SC-37 should be applied in light applications. A fine mist of stain or water can be applied, should brush or broom marks appear. Different colors may be applied at the same time for a variegated finish. Recoat in ½ to 1 hour at 70F degrees, if needed.

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.
- Nano 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.
- Nano Stain must be sealed.
- SC-37 is designed to resist fading, especially when sealed, but no material is fade-proof when subjected to ultraviolet rays and the elements. Westcoat cannot guarantee any color or material from fading, when exposed to ultraviolet rays.
- Do not allow any Westcoat products to freeze.

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