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H&C®

INFUSION

REACTIVE CONCRETE STAIN

DESCRIPTION	TESTING AND MIXING	APPLICATION
<p>H&C® Infusion Reactive Concrete Stain will enhance new and existing concrete by adding decorative and unique shading of colors. The variegated and translucent color effects are a result of the unique formulation of blended acidic metallic salts. H&C® Infusion Reactive Concrete Stain becomes part of the concrete surface due to a chemically reactive process and will wear only as the concrete wears. Mixing different H&C® Infusion Reactive Concrete Stain together will also achieve unique colors. H&C® Infusion Reactive Concrete Stain are available in 12 ready to use colors.</p> <p style="text-align: center;"><u>CHARACTERISTICS</u></p> <p>Color: Crumbled Brick, Black Coffee, Rusted Fence, Wenge Wood, Potter's Wheel, Shore Gray, Midas Gold, Sienna Red, Mustard Seed, *Verdant Plain, *Potato Ivy, *Lido Blue *Interior Only</p> <p>Coverage: 150-200 sq ft/gal Coverage will vary depending on the porosity and texture of the concrete.</p> <p>Drying Time: @ 77°F 50% RH: Temperature and humidity dependent.</p> <p>Recoat: 4 hours Sealing: 24 hours* *After stain residue has been removed.</p> <p>Finish: none Vehicle type: Acid Flash Point: N/A VOC: 0 Weight per Gallon: 11.86lbs +/- 2</p>	<p>Read all cautions and MSDS before any work is started. It is IMPERATIVE to do a small test before project installation in an inconspicuous area. Due to the nature of all stains, the final color may vary throughout the installation depending on the age, texture, finishing techniques and other variables within the concrete surface. When mixing different H&C® Infusion Reactive Concrete Stain together for additional colors, a record of the mix ratio must be made for reference should future color matches be required.</p> <p style="text-align: center;"><u>SURFACE PREPARATION</u></p> <p>Surface preparation is crucial to a successful stain installation. Concrete MUST be cured a minimum of 28 days. All surfaces MUST be clean, dry to slightly damp and free of curing compounds, sealers, membrane forming products, bond breakers, grease, oil, paint, etc.</p> <p>Concrete MUST be bare and free of all foreign contaminants. A high-pressure wash or additional cleaning methods may be required to totally clean the concrete of all contaminants. If mold, mildew or fungus is present, kill and remove with a solution of one-cup household bleach to one gallon of water. Wear protective eyewear, waterproof gloves, and protective clothing.</p>	<p>FOR PROFESSIONAL USE ONLY! Protect surrounding areas before staining. Rope off areas to be stained and keep all traffic clear until the installation is complete. Wet floors can be slippery. Wear suitable protective gear. Read all cautions and all MSDS. H&C® Infusion Reactive Concrete Stain are ready to use.</p> <p>Use nonmetallic equipment. An acid resistant pump sprayer is ideal for application. H&C® Infusion Reactive Concrete Stain will react with metals, therefore, the use of brushes, brooms, sprayers and buckets that are non-metallic is recommended.</p> <p>ALWAYS do a small test in an inconspicuous area before installation of the stain to ensure approval and compatibility of all products and desired color. Due to the nature of all stains, the final color may vary throughout depending on the texture, age and other variables within the concrete.</p> <p>Depending on the color desired, an application of two or more coats of stain may be required. Infusion acid stain can be reduced with water up to 50%. Reducing will allow for less intense color reaction. Allow H&C® Infusion Reactive Concrete Stain to remain on the surface until chemical reaction is complete. This should last for a minimum of 4 hours. Always apply subsequent coats of acid stain after the residue has been removed.</p> <p>Scrub H&C® Infusion Reactive Concrete Stain into the concrete as soon as it is applied to the concrete, keeping the brush in constant contact and motion with the surface. Keep a wet edge and a uniformly saturated surface. Gradually spread the stain until fizzing stops. DO NOT allow the stain to puddle, splash, or drip on the floor or treated surface, as darkening and discoloration from the rest of the floor or treated surface will occur.</p>



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APPLICATION

All unreacted H&C® Infusion Reactive Concrete Stain residue must be neutralized and then removed completely prior to sealing. A solution of baking soda (sodium bicarbonate) and water, using 1 pound of baking soda per 5 gallons of water (454g/19L), can be used to neutralize the residual acid stain. The solution should be applied until it stops fizzing. After initial neutralizing the floor should be scrubbed until the rinse water is clean. All residues **MUST** be removed before any coating can be applied. Use caution when handling the stain residue and water drainage. Protect all adjacent foliage and soil from over-spray and runoff. Use an acid resistant wet vacuum, and follow all governmental regulations for disposal.

H&C® Infusion Reactive Concrete Stain will not hide cracks or other blemishes in the concrete, and may accentuate imperfections within the concrete finish.

SYSTEMS

Sealer should be applied 24 hours after the acid residue has been removed. H&C® Infusion offers a complete system for your reactive staining needs. This system will provide the ultimate in performance and appearance. A complete system includes the following:

Interior

- 1-2 cts. Infusion Reactive Concrete Stain (depending on depth of color desired)
- 2 cts. Infusion Solvent or Water Based Sealer
- 2-3 cts. Infusion Industrial Floor Finish

Exterior

- 1-2 cts. Infusion Reactive Concrete Stain (depending on depth of color desired)
- 2 cts. Infusion Solvent or Water Based Sealer

CAUTIONS

WARNING! Removal of old paint by sanding, scraping, or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Do not allow product to freeze. Always use in a well-ventilated area.

Verdant Plain, Potato Ivy, and Lido Blue are for interior use only! These colors will react with water and moisture and over time will darken or blacken when exposed to moisture in the concrete. On interior installations, protection from hydrostatic pressure and moisture should be a part of the initial concrete design and slab installation criteria.

Always use caution when opening containers of product. Do not allow containers to stand on untreated concrete areas after opening, as staining will occur if the material is spilled.

Check local codes for all Federal and State Regulations, along with the appropriate safety standards. Dispose of left over stain product and/or stain residue in accordance with these regulations.

DANGER! OXIDIZER! CORROSIVE! EYE AND SKIN BURNS! CAUSES SEVERE EYE AND SKIN IRRITATION-BLINDNESS! MAY BE FATAL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN! PROLONGED OR REPEATED BREATHING MIGHT CAUSE ULCERATION OR PERFORATION OF NASAL MEMBRANES.

CAN CAUSE CANCER, CANCER HAZARD DEPENDS ON THE LEVEL OF EXPOSURE AND DURATION. KEEP OUT OF REACH OF CHILDREN! FOR PROFESSIONAL USE ONLY! DO NOT USE UNLESS WEARING A P100/ HYDROGEN CHLORIDE RESPIRATOR NIOSH TC-84A. WEAR PROTECTIVE CLOTHING-GLOVES-CHEMICAL RESISTANT APRON AND BOOTS.

WARRANTY

Since no control is exercised over product use, H&C Concrete Coatings represents and warrants only that its products are of consistent quality within manufacturing tolerances. No other oral or written representation of statement of any kind, expressed or implied, now or hereafter made is authorized or warranted by H&C Concrete Coatings, including those of marketability, or fitness for a particular purpose. Liability for breach of contract, negligence, or on any other legal basis is limited to the lesser of refund or replacement of defective material. H&C Concrete Coatings will not be liable for special, incidental or consequential damages, including delays or lost profits. Communication of this warranty and its limitations to end-users is not the responsibility of H&C Concrete Coatings, but should be received in writing within three months from date of manufacture. No claim will be considered without such written notice or after the specified time interval. The end user shall determine the suitability of the products for the intended use and assumes all risks and liability in connection therewith.

H&C Concrete Coatings
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Cleveland, OH 44115
1-800-867-8246
www.hc-concrete.com



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ORDERING INFORMATION	ORDERING INFORMATION	
Wenge Wood Part Number/SMIS Gallon 40.002004/163-4724 Five 40.002005/163-4732	Shore Gray Part Number/SMIS Gallon 40.002114/650030315 Five 40.002115/650032451	<p>The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of H&C concrete coatings and The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your H&C or Sherwin-Williams representative to obtain the most recent Product Data sheet.</p>
Rusted Fence Part Number/SMIS Gallon 40.002014/163-4740 Five 40.002015/163-4757	Midas Gold Part Number/SMIS Gallon 40.002104/650030307 Five 40.002104/650032477	
Black Coffee Part Number/SMIS Gallon 40.002024/163-4765 Five 40.002025/163-4773	Sienna Red Part Number/SMIS Gallon 40.002084/650030323 Five 40.002085/650032469	
Crumbled Brick Part Number/SMIS Gallon 40.002034/163-4781 Five 40.002035/163-4799	Mustard Seed Part Number/SMIS Gallon 40.002094/650030331 Five 40.002095/650032485	
Potter's Wheel Part Number/SMIS Gallon 40.002044/163-4807 Five 40.002045/163-4815		
Lido Blue Part Number/SMIS Gallon 40.002054/163-4823 Five 40.002055/163-4831		
Potato Ivy Part Number/SMIS Gallon 40.002064/163-4849 Five 40.002065/163-4856		
Verdant Plain Part Number/SMIS Gallon 40.002074/163-4864 Five 40.002075/163-4872		