## DESCRIPTION

**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.

### CHARACTERISTICS

**Color:** Crumbled Brick, Black Coffee, Rusted Fence, Wenge Wood, Sienna Red, Mustard Seed, *Verdant Plain, *Potato Ivy, *Lido Blue  
*Interior Only

**Coverage:** 150-200 sq ft/gal  
Coverage will vary depending on the porosity and texture of the concrete.

**Drying Time:** @ 77°F 50% RH: Temperature and humidity dependent.

**Recoat:** 4 hours  
**Sealing:** 24 hours*  
*After stain residue has been removed.

**Vehicle type:** Acid  
**Flash Point:** N/A  
**VOC:** 0

**Weight per Gallon:** 11.86lbs +/- 2

### TESTING AND MIXING

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.

### APPLICATION

**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.

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.

**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.

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.

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.
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 BREATTHING 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
101 Prospect Ave
Cleveland, OH 44115
1-800-867-8246
www.hc-concrete.com
ORDERING INFORMATION

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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.