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H&C®

SEMI-TRANSPARENT DECORATIVE STAIN

PRODUCT DESCRIPTION

H&C® Semi Transparent Decorative Stains offer a unique alternative to acid staining concrete. This water-based, prepackaged color stain system may be applied using multiple layers and colors, or just one color; either way, you'll have a distinctive look all your own.

CHARACTERISTICS

Colors: Arctic Stone, Tumbled Stone, Obsidian, Espresso, Cocoa Bean, Cordovan, Henna, Dahlia Red, Cardinal Red, Pumpkin Spice, Autumn Breeze, Gold Leaf, Cork, Dewy Blade, Moss, Marina Blue

Coverage: 200 sq ft/gal

*Coverage will vary depending on the porosity and texture of the concrete.

Drytime: @ 77°F 50% RH:
Temperature and humidity dependent.

Recoat: 4-6 hours
Sealing: 4-6 hours

Volume Solid: 10% +-2%
Finish: None
Vehicle type: Water
Flash Point: N/A
VOC: <50 g/l

SURFACE PREPARATION

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 clean-up. For more information call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Newly pored 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. For optimum surface cleaning, use an orbital cleaning machine, black scrubbing pad and **H&C® Cleaner Degreaser**. Reference the **H&C® Cleaner Degreaser** technical data sheet for specific application instructions. Thoroughly rinse the surface with clean water after using any type of cleaning product. Use **H&C® Etching Solution** on all surfaces to be stained. Follow the Etching Solution technical data sheet for proper use. Properly etched surfaces should have the feel of 120 grit sandpaper.

When staining aged, porous, surfaces with exposed aggregate or broom finished surfaces, apply one coat of **H&C® Paver Sealer Natural**. This will prevent the stain from penetrating too deeply and preventing proper color distribution. Allow Paver Sealer Natural to dry 1 hour before application of **H&C® Semi-Transparent Stain**.

TESTING AND MIXING

Read all cautions and MSDS before any work is started. 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.

H&C® Semi-Transparent Stain can be diluted with tap water. Dilution will affect final color; so testing is always required to determine the proper dilution ratio.

H&C® Semi-Transparent Stain can be mixed together for additional colors, a record of the mix and dilution ratios must be made for reference should future color matches be required. **ALWAYS SAMPLE TEST H&C® SEMI-TRANSPARENT STAIN BEFORE FINAL INSTALLATION.**

APPLICATION

Apply the first coat using a pump-up sprayer on a dry surface using caution to avoid track lines. A circular motion with the wand is best. **H&C® Semi Transparent Decorative Stain** can be applied full strength or diluted with water to lighten the color, if desired. Do not exceed a 4:1 (water to stain) mix ratio.

Additional coats of the same color or supplementary colors can be applied depending on desired color and final appearance. Lighter colors should be applied first to achieve a layered look. In addition to spraying, application can be done using mops, sponges, rags and other faux technique tools.



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SEALING

Allow **H&C® Semi Transparent Stain** to dry 4-6 hours prior to application of a sealer. **H&C® Semi Transparent Stain** can be topcoated with any topical **H&C® solvent or water based sealers**. Use **H&C® High Performance Industrial Clear** over **H&C® Semi Transparent Stain** in high traffic or commercial applications (penetrating sealers will not provide enough protection for horizontal applications). Consult desired sealer's product data sheet for proper application procedures. Minimum two coats of sealer required. Typically, solvent-based sealers will darken the stain, so test the sealer along with the color prior to fullscale application. Sacrificial finishes, such as **H&C® Infusion Industrial Floor Finish**, can be applied as a final coat to improve durability.

LIMITATIONS

Apply in ambient and surface temperatures are above 50° F and below 90° F. Broomed or poorly finished surfaces may not accept color due to excessive porosity. Use on fiber reinforced concrete may result in surface fibers standing up after sealing. Testing on fiber-reinforced surfaces should always be done prior to fullscale application. Do not allow to freeze.

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.

TECHNICAL SERVICES

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.

1-800-TO STAIN(867-8246)
www.hcconcrete.com

ORDERING INFORMATION

Artic Stone	Gallon
Part Number	45.002014
SMIS	650455868
Tumbled Stone	Gallon
Part Number	45.002024
SMIS	650455876
Obsidian	Gallon
Part Number	45.002034
SMIS	650455884
Espresso	Gallon
Part Number	45.002044
SMIS	650435837
Cocoa Bean	Gallon
Part Number	45.002054
SMIS	650455892
Cordovan	Gallon
Part Number	45.002064
SMIS	650455918
Henna	Gallon
Part Number	45.002074
SMIS	650455937
Dahlia Red	Gallon
Part Number	45.002084
SMIS	650455942
Cardinal Red	Gallon
Part Number	45.002094
SMIS	650458102
Pumpkin Spice	Gallon
Part Number	45.002104
SMIS	650455967
Autumn Breeze	Gallon
Part Number	45.002114
SMIS	650435860



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<u>ORDERING INFORMATION</u>		<u>CAUTIONS</u>
Gold Leaf	Gallon	Always use in a well-ventilated area. 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. Always reference a product's MATERIAL SAFETY DATA SHEET for specific exposure precautions and personal protection. MSDS can be found at www.paintdocs.com
Part Number	45.002124	
SMIS	650455975	
Cork	Gallon	
Part Number	45.002134	
SMIS	650455983	
Dewy Blade	Gallon	
Part Number	45.002144	
SMIS	650455991	
Moss	Gallon	
Part Number	45.002154	
SMIS	650456007	
Marina Blue	Gallon	
Part Number	45.002164	
SMIS	650456015	