



Chem-Crete Venetian Stains

A Renaissance in Color

PRODUCT DESCRIPTION

Chem-Crete Venetian Stains are non-toxic, harmless to the environment and contain no VOCs. All Venetian Stains are UV stable; colors stay brilliant even on most exterior applications. The product contains no dangerous vapors or fumes. Venetian Stains do not contain any hazardous acids, solvents, light metals, or resin compounds. The Venetian Stains masonry substrate colorant system is a permanent, deep penetrating, water-based product designed to provide unique, distinctive translucent colors, with enhanced marbled effects on most concrete and stone substrates. The decorative color system improves the natural variations of all masonry and synthetic stone products. The system does not coat, cover or hide the unique substrate distinctions but highlights the inherent differences of all natural and synthetic surfaces. The product penetrates into the pores of the substrate; with no film or coating to be worn away.

PRODUCT FEATURES

- Ultraviolet stable colors
- Single component
- Easy to apply
- Permanent colors
- Non-toxic
- Cost effective
- Internal and external application
- Treatable materials include: concrete, concrete block, mortar, plaster, stucco, terrazzo, exposed aggregate and any sand, aggregate cement combination.
- Non-film forming

AREAS OF APPLICATION

- Concrete Floors
- Exposed Aggregates
- Synthetic Stone Features
- Swimming Pool Decks
- Stadiums and Arenas
- Shopping Malls
- Institutional Floors
- Residential Floors
- Restaurants

PACKAGING

Product	Packaging
Chem-Crete Venetian Stains	1 gal. jug and 5 gal pail (3.78 liter jug and 18.93 liter pail)

TECHNICAL DATA

Specific Gravity	
Freeze Temperature	28°F (-2 °C)
Boiling Point	212°F (100 °C)
For Cleaning	Water
Odor	None
Toxicity	None
Flammability	None
Fumes During Treatment	None
Environmental Hazards	None
Thinners Required	None
Number Of Coats Required	One coat
Drying Time At 77°F (25 °C)	2-3 hours

APPLICATION DATA

Methods of Application: Spray, Roll or Brush.
Tools Needed: Low Pressure Sprayer, Roller, Brush, Broom or Squeegee.
Surface Preparation: Surface must be clean, dry, sound and free of paint, sealer, oil, adhesive, curing compound, form release agent and/or anything that will not allow Venetian Stains from penetrating the substrate. Areas which require cleaning must be cleaned by scrubbing, pressure washing or other methods to remove any surface dust, dirt or other contaminants. Heavily contaminated areas must be cleaned using Chem-Crete CONCLEAN CCC 060 biodegradable concrete cleaner and a pressure washer. Do not proceed with application of materials when substrate is less than 50°F (10°C)

Moisture content of concrete not to exceed 4 lbs. (1.814 Kg) per 1,000 ft² (92.90 m²) per 24 hours when tested by the quantitative calcium chloride test method in controlled atmosphere.

COVERAGE RATES

Note: Thorough mixing is required before and during application of this product. Some separation may occur if product is left to stand before use. It is important that all solids are mixed before applying Venetian Stains to guarantee color uniformity throughout entire application process. Mechanical mixing with a low speed drill is recommended prior to all applications with periodic stirring during use.

Protect any adjoining areas (windows, doors, and fixtures, etc.) from overspray. If allowed to dry on metal or ceramic surfaces, abrasion may be required for removal.

1. Different colors and shades will vary depending on the number of coats applied. Coverage per coat is 200 to 300 sq.ft. per gallon depending upon surface texture, porosity, method of application, and desired results.
2. **Important Note:** Before applying Venetian Stains to new or old concrete and masonry substrates, test Venetian Stains in an inconspicuous area on the actual surface for desired results.
3. It is recommended sealing the Venetian Stains product with one of the Chem-Crete sealers designed as a topcoat to protect and seal the surface from dirt, moisture, contaminants from foot traffic and other sources. Please contact Chem-Crete for sealer recommendations.
4. Clean all equipment and tools with fresh clean

LIMITATIONS

water immediately after use.

1. Differences in concrete substrates, surface permeability, concrete design mix, finishing techniques, and age and condition of concrete in new and existing concrete substrates can produce variations in the color of the finished product. To alleviate surface tension, use Chem-Crete CON-CLEAN CCC 060 for surface preparation to allow proper penetration of the product. For removal of curing agents, coatings, sealers, oils, paints, dirt, efflorescence, and other surface contaminants, mechanical methods may be required.
2. To test the surface to be stained, mist the surface with clean water. Potential problem areas will bead water on the surface and not absorb into substrate receiving the Venetian Stains.
3. Dense or burnished concrete substrates surfaces must be opened properly to absorb Venetian

Stains by mechanical, chemical, acid or water blasting techniques.

AVAILABLE COLORS

Chem-Crete Venetian Stains are available in 16 vibrant, UV stable standard colors. Please refer to Chem-Crete Venetian Stains brochure for standard color selections.

STORAGE

Two year shelf life when stored in cool, dry place in unopened drums.

Always agitate or stir jug or bucket before using.

Do Not Allow Product to Freeze.

SAFETY PRECAUTIONS

As with all construction chemical products, adequate precautions and care must be taken during usage and storage. Avoid direct contact with foods, eyes, skin, and mouth. Any direct contact with skin, eyes, etc. should be washed thoroughly with clean running water and soap.

Always wear protective goggles and gloves. In case of eye contact, flush for 15 minutes with clean water. Keep out of reach of children.

TECHNICAL ASSISTANCE

Please contact International Chem-Crete Corporation for Technical Personnel.

WARRANTY

LIMITED WARRANTY: International Chem-Crete Inc. warrants that, at the time and place we make shipment, our materials will be of good quality and will conform to our published specifications in force on the date of acceptance of the order.

DISCLAIMER: The information contained herein is included for illustrative purposes only and, to the best of our knowledge, is accurate and reliable. International Chem-Crete Inc. is not under any circumstances liable to connection with the use of information. As International Chem-Crete Inc. has no control over the use to which others may put its products. We recommend that the products be tested to determine the suitability for specific applications and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner of the design as to application and proper installation of each product. Specifier and user shall determine the suitability of the product for specific application and assume all responsibility in connection therewith. MN/022006.

Manufactured By:



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