



CHEM-CRETE® VENETIAN STAIN

Water-Based Stain Product for Concrete, Natural & Industrial Stones

PRODUCT DESCRIPTION

CHEM-CRETE VENETIAN STAIN is a long lasting, penetrating, water-based staining system designed to provide unique distinctive translucent colors, marbled affects and tones on natural stone, synthetic stone and concrete substrates.

CHEM-CRETE VENETIAN STAIN is decorative color system which enhances the natural variations of all masonry and stone substrates.

CHEM-CRETE VENETIAN STAIN does not coat or cover up the substrate but highlights the different random features of the application substrate. CHEM-CRETE VENETIAN STAIN product penetrates into the pores of the substrate, it doesn't form a film or coating to be worn away.

CHEM-CRETE VENETIAN STAIN is UV stable colors and stay brilliant. It is easy to apply and doesn't produce any vapors or fumes, it is safe for inside applications.

CHEM-CRETE VENETIAN STAIN is green technology, it non-toxic, harmless to the environment and contains no VOC's. CHEM-CRETE VENETIAN STAIN does not contain any acids, solvents, acrylics, light metals or resin compounds.

CHEM-CRETE VENETIAN STAIN is available in 20 standard colors, refer to product's brochure for colors review and selection.

FIELDS OF APPLICATION

- Concrete Floors
- Industrial Stone
- Swimming Pools Decks
- Stadiums and Arenas
- Shopping Malls
- Institutional Floors
- Residential
- Restaurants

FEATURES

- Ultraviolet stable colors
- Single component
- Easy to apply
- Long Lasting colors
- Non-toxic
- Cost effective
- Can be used for concrete, concrete mortar, plaster and stucco applications.
- Can be applied on natural and industrial stones.
- Non Film Forming

PACKAGING

Product	Packaging
CHEM-CRETE VENETIAN STAIN	1 GAL (3.785 LITER) JUG
	5 GAL (18.925 LITER) PAIL

TECHNICAL DATA

Property	Value @ 25°C (77°F)
Specific Gravity	1.05 – 1.15
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 @ 77°F (25°C)	2-3 hours

APPLICATION

Methods of Application: by spraying, rolling or brushing.

Tools Needed: CHEM-CRETE VENETIAN STAIN can be applied using one or more of the following:

- Low pressure or airless sprayer
- Good quality paint roller
- Good quality paint brush

Surface Preparation: The substrate must be sound, dry, clean and free from any contaminant like dust, dirt, mildew, algae, curing compounds, form release, sealers, oils, grease, etc.

Dirt and dust can be removed by sweeping and low-pressure washer. Areas contaminated with mildew, algae, oils and grease can be cleaned using a high-pressure washer and a biodegradable concrete cleaner like CHEM-CRETE CONCLEAN CCC060.

Cleaning of substrates treated with curing compounds, form release and sealers might be achieved by means of mechanical methods, such as shot blasting, grinding, wire brushing, and high-pressure washer.

Do not use acid etching, solvents or adhesive removers to clean substrates prior to application of CHEM-CRETE VENETIAN STAIN.

Mixing: 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 all solids are mixed before applying CHEM-CRETE VENETIAN STAIN to guarantee color uniformity throughout entire application

process. It is recommended to mix using a low speed (paint like) drill mixer.

Coverage: coverage varies depending on color selected, surface texture, porosity, method of application, and desired results. Coverage ranges between 150 – to 300 ft² per gallon (3.67 m² to 7.34 m² per liter). Coverage also depends on the porosity of the substrate, in some cases a second coat might be necessary.

Limitations:

- Minimum substrate temperature: 40°F (4.4°C).
- Application on wet or water-logged substrates is not recommended.
- 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 test the surface (to be stained), mist the surface with clean water. Potential problem areas will bead water on surface and not absorb into substrate to receive CHEM-CRETE VENETIAN STAIN.

Cautions:

- Protect any adjoining areas (windows, doors, and fixtures, etc.) from overspray.
- Different colors and shades will vary depending on the number of coats applied, surface texture, porosity and method of application.
- Before applying CHEM-CRETE VENETIAN STAIN to new or old concrete and masonry substrates, test CHEM-CRETE VENETIAN STAIN in an inconspicuous area on the actual surface for desired results. It is always recommended to do a test area before commencing a full scale application.
- Dense or burnished concrete substrates surfaces must be opened properly to absorb CHEM-CRETE VENETIAN STAIN by mechanical, chemical or water blasting techniques.

CLEANING

Clean all equipment, tools with fresh clean water immediately after use.

STORAGE

Two years 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 foodstuff, 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, it is recommended that the products be tested to determine the suitability for specific applications and/or our information is valid in particular circumstances. Responsibility remains with the architect or engineer, contractor and owner of the design, 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. AM27319

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