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Architectural Concrete Solutions

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## **BOMANITE CHEMICAL STAIN**

### Technical Bulletin

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Bomanite Chemical Stains are water and acid based solutions of metallic salts formulated to “color etch” new or existing concrete surfaces. These penetrating solutions react with cements to form permanent, insoluble precipitants of varying colors. Bomanite Chemical Stains are intended for use on horizontal concrete and other masonry mediums. Bomanite Chemical Stains produce a mottling of color tones that are directly affected by the substrate color and porosity. Variations and inconsistencies in color are expected and are usually the reason for using this coloring technique.

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#### **FEATURES AND BENEFITS:**

- *Wide color selection*
- *Permanent coloring method*
- *Will not chip, crack, fade or peel*
- *Unique color highlighting*
- *Improves aesthetic appearance of new or existing surfaces*
- *Reduces glare*

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#### **GENERAL INFORMATION:**

##### **Coverage Guidelines**

200 to 400 square feet per gallon per coat. Coverage rates vary depending on the type of finish, age of concrete and substrate porosity.

##### **Colors**

8 standard colors. Refer to the Bomanite Chemical Stain Color Chart.

##### **Packaging**

Available in 1 gallon, 5 gallon and 55 gallon containers  
Allow one week for 55 gallon units

##### **Shelf Life**

Approximately one year. Keep at a 40 degree Fahrenheit minimum.

##### **Suggested Sealers**

Bomaseal C-18 or C-27  
Bomaseal VOC  
Bomanite Florthane SB  
Bomanite Hydrocoat  
Bomanite Florthane WB

##### **Maintenance**

All installations should be professionally cleaned and resealed periodically by your local Bomanite contractor or a qualified floor maintenance contractor in order to maintain a top quality appearance. In general, expect the need for professional maintenance to occur every 12-24 months. This will vary depending on a number of factors including volume and intensity of traffic, UV exposure, geographical location and weather conditions. Interior applications will require a different maintenance program than exterior products. Residential applications typically require less maintenance than commercial and municipal projects.

**Limitations**

Bomanite Chemical Stains will produce a wide range of finished colors depending on many factors including, but not limited to, finishing techniques, mix designs, curing practices, age and condition of concrete in existing slabs, base color and surface porosity. There is an element of uncertainty and unpredictability inherent in the use and final appearance of chemical stains. Therefore, it is **strongly** recommended that samples be created, viewed and approved using construction techniques and materials identical to those that will be used in the actual construction of the project. This sampling process **must** be completed prior to specifying the final color and appearance.

**Caution**

Keep out of the reach of children. For commercial use only. Do not take internally.  
See Material Safety Data Sheets for complete information.

**Warranty**

This product is warranted to be of uniform quality within manufacturing tolerances. Since control is not exercised over its use, no warranty, expressed or implied, is made as to the effects of such use. Seller and manufacturer obligations under this warranty shall be limited to refunding the purchase price of that portion of the material proven to be defective. The user assumes all other risks and liabilities resulting from use of this product.

***Additional product information, technical bulletins and specifications are available online at [www.bomanite.com](http://www.bomanite.com) or through one of our Bomanite Licensed Contractors. For additional assistance with specifications or technical issues, contact The Bomanite Company.***