



Bomanite Topical Stain

Technical Bulletin

Bomanite's Topical Stain is an alcohol-based colorant used to permanently stain and antique porous cementitious materials, including decorative concrete paving or flooring, limestone, terrazzo, etc. Applied at different coverage rates, Bomanite Topical Stain can produce surfaces that are opaque, mottled, translucent and marbled in appearance. Bomanite Topical Stain relies upon mechanical penetration to achieve its durability. This product is suited to surfaces that have sufficient porosity and texture. This material is not suitable for hard steel-troweled surfaces or dense natural-stone finishes.

FEATURES AND BENEFITS

- EASY APPLICATION
- QUICK DRYING TIME
- CONSISTENT AND PREDICTABLE
- NON-TOXIC / ENVIRONMENTALLY FRIENDLY
- NO REACTION TO ACHIEVE COLOR
- NO CLEAN-UP PRIOR TO SEALING
- DURABLE
- UNLIMITED COLOR PALETTE
- INTERIOR OR EXTERIOR,
DEPENDENT ON COLOR

TYPICAL USES

- *BOMANITE / BOMACRON
IMPRINTED CONCRETE*
- *BOMANITE THINSET*
- *BOMANITE MICRO-TOP*

GENERAL INFORMATION

Packaging

Available in one-gallon, five-gallon and 55-gallon clear liquid packs with a corresponding water-based tint concentrate (one pint tints one gallon; one quart tints five gallons; one gallon tints 55 gallons).

Colors

Clear; 50 standard colors (see Bomanite Color Hardener / Release Agent Color Chart Bomanite Integral Color Chart); custom colors available upon request.

Storage

Do not freeze.

Shelf Life

Water-based tint concentrate has a one-year shelf life. Clear Bomanite Topical Stain has a one-year shelf life. Once clear Bomanite Topical Stain is mixed with water-based tint colorant, shelf life is two weeks.

Coverage Rates

Depending on desired effects, surface texture and porosity, coverage rate will vary between 150-200 square feet per gallon.



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Suggested Sealers

Bomanite Topical Stain should be sealed for long-term protection and durability with either a Bomanite water- or solvent-based sealer. Membrane-forming sealers will beautify and protect the color-treated surface from unwanted wear due to traffic abrasion, environmental conditions and contamination.

Bomaseal I-18

Bomaseal I-27

Bomaseal VOC II

Bomaseal Hydrocoat

Bomanite Florthane SB and WB (Suggested for interior use only)

MAINTENANCE

During the initial installation, a membrane-forming sealer is applied to enhance and preserve the colored surface. A routine maintenance schedule should be established to protect the sealed surface (see Floor Care Guide). Resealing will also be required periodically and will vary depending on a number of factors including volume and intensity of traffic. Consult your Bomanite licensee or a qualified maintenance contractor.

LIMITATIONS

The limitations of the final color using Bomanite Topical Stain are to the extent of the base color. Very light colors will not effectively tint over a gray base (a white-based cement is required). Curing compounds, sealers, or other forms of "resists" will prevent Bomanite Topical Stain from properly coloring the material.

CAUTIONS

Bomanite Topical Stain should not be applied to surfaces below 40 degrees Fahrenheit or above 100 degrees Fahrenheit. Bomanite Topical Stain can adhere to glazed materials such as metals, glass and ceramic tile. Excessive over-application of Bomanite Topical Stain will also prevent bonding of materials applied over it.

WARRANTY

Bomanite Topical Stain, a proprietary product is warranted to be of uniform quality within manufacturing tolerances. Since control is not exercised over product 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. If you have any questions, please contact Bomanite Corporation.