



Your Single Source For Innovative Architectural Concrete Solutions

BOMANITE CURE AND SEAL SB

Technical Bulletin and Application Guideline

Bomanite Cure and Seal SB is a high quality, VOC compliant, solvent-based acrylic sealer formulated to be used as a film-forming curing and sealing compound. Treatment with Bomanite Cure and Seal SB provides a non-yellowing film that assists the cure of freshly-placed concrete and achieves a protective, decorative finish. Available in gloss or matte finishes, Bomanite Cure and Seal is offered in Federal or California VOC compliant versions. When applied according to directions, Bomanite Cure and Seal SB will deepen and enhance concrete, terrazzo, masonry or similar surfaces (especially colored concrete surfaces). Bomanite Cure and Seal SB can be recoated with other Bomanite Sealers once the sealed concrete has cured. Consult the Bomanite Sealers/Finishes Cross Reference Guideline for a complete list of Bomanite sealers.

FEATURES AND BENEFITS:

- *Contains UV inhibitors*
- *VOC compliant*
- *Improves freeze/thaw resistance*
- *Bonds to uncured concrete*
- *High solids content*
- *Meets or exceeds ASTM C309 and ASTM C1315*

GENERAL INFORMATION:

Colors

Clear and tinted. Bomanite Cure and Seal SB can be tinted using a Bomanite Solvent-based Tint Concentrate. Refer to any Bomanite color chart. Custom colors are also available.

NOTE: Tints may vary slightly from batch to batch. Be sure to order enough tinted material initially to complete a specific job. Consult the appropriate Bomanite literature for applicable products.

Coverage Rates

Material usage, per coat, is approximately 250-400 square feet per gallon for textured surfaces and 300-500 square feet per gallon for smooth finish. Actual coverage may vary depending on type, age and condition of concrete, application method and other local conditions.

Packaging

Gloss or matte finish.

Federal VOC compliant or California VOC compliant options.

Available in 1-gallon, 5-gallon and 55-gallon units.

Storage and Shelf Life

Approximately one year. Keep at a 40 °F minimum.

Product Data

Odor	Typical aromatic hydrocarbon
Color	Clear, viscous solution
Solids	25%
Specific Gravity	0.87
Density	7.67 pounds per gallon
Flash Point	100 °F

Opacity.....Clear
VOC.....700 grams/liter (Federal version); 350 grams/liter (CA version). Consult regulations to determine if VOC compliant in your area.
Meets ASTM C309, ASTM C1315, AASHTO M148 and USDA/EPA 40CPR-D regulations.
Drying Times (will vary depending on temperature, humidity, surface porosity and local conditions)
73 °F, 50% RH.....1 hour after application
Foot Traffic.....2 to 4 hours after application
Vehicular Traffic.....24 hours after application

Application

NEW CONCRETE

Apply Bomanite Cure and Seal SB with a high volume/low pressure sprayer or pump-up sprayer, medium to heavy nap non-linting roller, or other solvent-resistant applicator. Coat the surface uniformly without leaving puddles, heavy application lines or uncoated areas as they may show in the final finish. Multiple light coats are superior to one heavy application, with complete drying between coats (approximately two to four hours). Two light coats at the recommended coverage are normally sufficient to seal and protect. Note: The addition of acetone or xylene may be necessary to thin the product to facilitate spraying or to provide a priming coat for enhanced penetration. **Before application of this product, test in an inconspicuous area for desired results. If in doubt, consult The Bomanite Company.**

Maintenance

Bomanite Cure and Seal SB, like all surface sealers, must be kept clean for maximum durability and protection. Frequent removal of loose soils will significantly increase the service life of Bomanite Cure and Seal SB or any surface coating. For removal of ground-in soils, use Bomanite Floor Cleaner diluted two to four ounces per gallon of water. Scrub with a broom, pressure wash or use a low speed buffer equipped with red or blue scrub pads (light cleaning). Periodic resealing may be required depending on use and degree of care taken to maintain the sealer. Bomanite Cure and Seal SB may be removed using Bomaseal Stripper.

Cautions

Bomanite Cure and Seal SB is a solvent-based product, and caution must be exercised in its use. Adequate ventilation will be necessary, with applicators wearing appropriate protective gear such as gloves, eye protection, respirators, solvent resistant clothing, etc. Consult the Bomanite Cure and Seal SB MSDS for more safety information.

Limitations

- Bomanite Cure and Seal SB is not recommended for interior applications. Open flames, such as those associated with water heaters, furnaces and temporary heat sources, will cause ignition of the solvent fumes. It is strongly recommended that a water-based cure and seal such as Bomanite Clear Cure is used for interior applications.
- Dries rapidly in hot weather.
- Bomanite Cure and Seal SB will protect concrete from dusting and soiling if applied properly, evenly and with sufficient coverage as outlined in the application directions. Not applying enough Bomanite Cure and Seal SB will result in inadequate protection for the concrete. Over application may inhibit the breathe-ability and freeze/thaw resistance of the concrete surface.
- Failure to maintain the concrete in a reasonably clean condition by sweeping or wet cleaning will result in premature wear and failure to protect the concrete. Occasional resealing may be required for optimal service life.
- Consult the Bomanite Sealers/Finishes Cross Reference Guideline for more information on specific products suitable as a top coat when resealing or final sealing a surface previously treated with Bomanite Cure and Seal SB.
- Consult the appropriate Bomanite Technical Bulletin and Application Guideline for the correct uses and limitations of any Bomanite products used in conjunction with Bomanite Cure and Seal SB.

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 or through one of our Bomanite Licensed Contractors. For additional assistance with specifications or technical issues, contact The Bomanite Company.