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# Technical Bulletin and Application Guideline

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June 2009

## BOMANITE COLOR CURE

### CURING COMPOUND AND SEALER FOR FRESH AND AGED CONCRETE

#### DESCRIPTION

Bomanite Color Cure is a ready-to-use water based membrane curing compound and sealer designed to increase the impact strength and protect architectural colored concrete. Bomanite Color Cure is also excellent as a seal to dust-proof concrete and repel water and stains. It is suitable for both interior and exterior use, and will not yellow, haze or flake. Bomanite Color Cure has excellent oil and water resistance, good exterior durability, and complies with slip resistance requirements of ASTM D-2047. Bomanite Color Cure complies with VOC regulations (less than 250 g/l VOC content).

#### APPLICATIONS

##### **MIX WELL BEFORE USING.**

##### *CURING NEW CONCRETE*

Do not dilute. Apply Bomanite Color Cure with a low pressure or pump sprayer with fan tip (optional - each application may be spread more uniformly using a finish broom). For compliance with ASTM C-309 (Curing Fresh Concrete), apply Bomanite Color Cure at an average rate of 300 square feet per gallon. One coat is normally sufficient at the above coverage rate for adequate curing.

##### *SEALING EXISTING CONCRETE*

Surface must be thoroughly cleaned and rinsed before sealing. Apply one coat using a sprayer (as above) or lambswool applicator. For very porous surfaces, a second coat may be required. Do not allow to puddle. Allow each coat to dry before applying additional coats. Coverage will vary with the porosity of the surface, but will average 400-500 square feet per gallon.

**CAUTION!** When applying Bomanite Color Cure to extremely hard-troweled surfaces, spread thin coats. Coverage should be a minimum of 800 square feet per gallon. Over-application of material on such dense surfaces may result in product failure.

#### SPECIFICATIONS

TYPE OF PRODUCT .....	Water base acrylic emulsion
BASE COLOR.....	Milk white when untinted (Product color based on tint added.*)
ODOR .....	Slight, sweet
SOLIDS CONTENT.....	22.5% (untinted)
APPLICATION METHOD .....	Spray, finish broom
APPLICATION RATE (average).....	300 to 500 square feet per gallon
AVERAGE MIL THICKNESS .....	(Average per coat) 1 to 2 mils, depending on application rate, porosity of concrete and curing time
MOISTURE VAPOR TRANSMISSION .....	Conforms to ASTM C-309 Specifications (at 300 square feet per gallon coverage)
WATER RETENTION .....	Conforms to ASTM C-156 Specifications (at 300 square feet per gallon coverage)
DRY TIME	
SET TO TOUCH .....	20 minutes
DRY HARD .....	1 hour
READY FOR TRAFFIC .....	24 hours
VOC CONTENT .....	Less than 250 grams per liter
FLASH POINT.....	None (C.O.C. method)
PACKAGE SIZES .....	1- gallon, 5-gallon and 55-gallon units.

**\*NOTE: Tints may vary slightly from batch to batch. Be sure to order enough tinted material initially to complete a specific job.**

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## **SPECIFICATION ASSISTANCE**

Consult The Bomanite Company for specification assistance, detailing, etc. This consultation is highly recommended prior to specification.

## **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.***