



Technical Bulletin and Application Guideline

Page: 1 of 2
November 2003

BOMANITE CLEAR CURE CONCRETE CURING MEMBRANE & SEALER

PRODUCT DESCRIPTION

Bomanite Clear Cure is a water-based membrane curing compound and sealer designed to increase the impact strength and protect new concrete, colored or natural. It 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 Clear Cure complies with VOC regulations for the state of California, including BAAQMD and SCAQMD (less than 250 g/l VOC content). Before use, consult state and local regulations or contact the United States Environmental Protection Agency (E.P.A.) to determine if this product complies with VOC regulations in your area.

APPLICATIONS

CURING NEW CONCRETE

Bomanite Clear Cure is ready to use. Do not dilute. Apply after broom or trowel finishing, when surface moisture has completely disappeared. Apply with an airless sprayer, pump-up sprayer or short nap roller. Coat the surface uniformly, without leaving puddles or spaces. Coverage will vary, approximately 300-400 square feet per gallon for rough or broom finish, 400-600 square feet per gallon for smooth finish. For maximum hardness development and oil resistance, apply a second coat after first coat fully cures (approximately 12 hours). Let second coat cure for 12 hours before opening to traffic.

SEALING EXISTING CONCRETE

Surface must be thoroughly cleaned, rinsed and allowed to dry. Apply one or more coats using a sprayer, lambswool applicator or string mop. Coverage will vary, approximately 300-500 square feet per gallon for rough finish, 400-600 square feet per gallon for smooth finish. Do not allow Bomanite Clear Cure to puddle. Apply two thin coats rather than one heavy coat. Allow each coat to dry thoroughly before applying additional coats.

SPECIFICATIONS

TYPE OF PRODUCT	Water base acrylic emulsion; contains no petroleum distillates, paraffins or waxes
BASE COLOR.....	Milk white, dries clear
ODOR	Slight, sweet
REFRACTOMETER SOLIDS.....	22.5%
APPLICATION METHOD.....	Spray, finish broom, lambswool applicator
APPLICATION RATE.....	300 to 600 square feet per gallon
AVERAGE MIL THICKNESS:	(Per coat) 2 mils on a sealed surface; on fresh concrete, variable from 1 to 2 mils depending on 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.....	12 hours
VOC CONTENT	Less than 250 grams per liter
FLASH POINT	None (C.O.C. method)
PACKAGE SIZES	5-gallon pail 55-gallon drums



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Page: 2 of 2

November 2003

SPECIFICATION ASSISTANCE

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

WARRANTY

This product is warranted to meet uniform quality standards within conventional manufacturing tolerances. Since no control is exercised over product use, no warranty or guarantee, expressed or implied, can be made to its use. Seller's and manufacturer's obligation under this warranty is limited to reimbursement of the purchase price of the portion of the product proven to be defective. The user assumes all risks and liability resulting from the use of this product.