



Technical Bulletin and Application Guideline

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BOMANITE HYDROCOAT

WATER-BASE SEALER AND TOPCOAT FOR CONCRETE

PRODUCT DESCRIPTION

Bomanite Hydrocoat is a water-base coating that combines the gloss, clarity and weathering characteristics found in acrylics with the toughness, durability, oil and water resistance of epoxies. Bomanite Hydrocoat may be used as a seal or topcoat for indoor and outdoor masonry surfaces such as concrete, terrazzo and stone tile. The built-in resistance to water and oils make it the product of choice for warehouses, driveways, garages, etc. Bomanite Hydrocoat exceeds the Coefficient of Friction Safety Standard ASTM D 2047 and complies with VOC content anti-smog ordinances.

APPLICATION

Surface must be thoroughly cleaned and rinsed; use Bomanite Concrete Degreaser for fast, efficient removal of oils, dirt and soils. If existing sealer is discolored or worn, remove before applying Bomanite Hydrocoat. Etching of surface may be necessary if calcium salts are present. If etching is required, use properly diluted Bomanite Con-Clean. Always test an inconspicuous area prior to use. Apply thin to medium coats with a mop, lambswool applicator or fine broom. If spray application is desirable, Bomanite Hydrocoat may be applied with a pump-up or high volume/low pressure sprayer. Allow at least 30 minutes dry time per coat. If it becomes necessary to strip, BomaSeal Stripper will quickly and efficiently emulsify the coating.

SPECIFICATIONS

TYPE OF PRODUCT	Water base acrylic emulsion
BASE COLOR	Milk white, dries clear (OPTIONAL: tinting to Bomanite specification color**)
ODOR	Slight, sweet
SOLIDS CONTENT	18.0%
APPLICATION METHOD	Spray, mop, lambswool applicator
APPLICATION RATE	600 to 1000 square feet per gallon per coat.
DRY TIME (at 68 °F; 50% relative humidity)	
SET TO TOUCH	15 to 30 minutes
RECOAT	45 to 90 minutes
OPEN TO LIGHT TRAFFIC	4 to 12 hours
OPEN TO HEAVY TRAFFIC	12 to 48 hours
FLASH POINT	None (C.O.C. Method)
GLOSS	98 (ASTM D 523-89, 60 °F)
SAFETY	Exceeds slip resistance requirements (ASTM Test D-2047)
LEVELING	Excellent (ASTM D 2801)
POWDERING RESISTANCE	Excellent (ASTM D 2048-92)
RECOATABILITY	Excellent (ASTM D 3153-87)
VOC CONTENT	Less than 250 grams per liter
PACKAGE SIZES	5-gallon pails 55-gallon drums

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

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 its use, no warranty or guarantee, expressed or implied, can be made to it 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.