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Technical Bulletin and Application Guideline

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BOMANITE HYDROCOAT WATER-BASE SEALER AND TOPCOAT FOR CONCRETE

PRODUCT DESCRIPTION

Bomanite HydroCoat is a self cross-linking, durable acrylic co-polymer water-based sealer that resists oil, water and soiling. Bomanite HydroCoat may be used as a seal or topcoat for indoor and outdoor masonry surfaces such as fully cured and un-cured concrete, terrazzo and stone tile. Bomanite HydroCoat is a non-yellowing, film forming sealer with a satin finish with excellent resistance to water blushing. Bomanite HydroCoat exceeds the Coefficient of Friction Safety Standard ASTM Designation D-2047.

APPLICATION

Surface must be thoroughly cleaned and rinsed; use a degreaser for removal of oils, dirt and soils followed by a neutral ph cleaner. If existing seal or is discolored or worn, remove before applying Bomanite HydroCoat. Mild acid etching of surface may be necessary if calcium salts are present or if surface profile is very dense. Always test surface preparation techniques along with finished sealer appearance in an inconspicuous area prior to use. Apply thin coats by sprayer followed by lambswool applicator or fine broom. Apply only when surface and air temperature is above 50 degrees Fahrenheit and allow at least 30 minutes dry time per coat. Do not apply to hot surfaces as bubbling and/or streaking may occur.

SPECIFICATIONS

TYPE OF PRODUCT	Water base acrylic emulsion
BASE COLOR.....	Milky White (OPTIONAL: tinting to Bomanite specification color**)
ODOR	Light Ammonia
SOLIDS CONTENT.....	22.5%
APPLICATION METHOD	Spray, lambswool applicator or fine broom
APPLICATION RATE	200 - 300 square feet per gallon per coat – Broom Finish 300 – 400 square feet per gallon per coat – Smooth Finish
DRY TIME (at 50 °F)	
RECOAT	2 hours
LIGHT FOOT TRAFFIC	4 hours
VEHICLE TRAFFIC	72 hours
FLASH POINT.....	None
SAFETY	Exceeds slip resistance requirements (ASTM Test D-2047)
LEVELING	Excellent (ASTM Test D-2801)
POWDERING RESISTANCE	Excellent (ASTM Test D-2048-82)
RECOATABILITY	Excellent (ASTM Test D-3153-78)
VOC CONTENT	Less than 63 grams per liter
PACKAGE SIZES	1-gallon and 5-gallon units

****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 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.