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Technical Bulletin and Application Guideline

Page: 1 of 1
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BOMANITE VERTICAL STAIN WATER-BASED STAIN FOR CONCRETE AND MASONRY SURFACES

PRODUCT DESCRIPTION

Bomanite Vertical Stain is an all-acrylic water based coating designed to provide a long lasting, durable and decorative finish to masonry. An advantage of this all-acrylic chemistry is that it will not discolor from outdoor exposure. It is specially formulated for new or old masonry surfaces, indoors or outdoors, can be applied over most paints, and has superior resistance to ultraviolet light, acids, oils, mildew and alkalis. Bomanite Vertical Stain provides the quality of an oil base paint with the ease of water reduction and cleanup. Bomanite Vertical Stain is recommended for vertical concrete structures and similar masonry surfaces. It may also be used for concrete and masonry floor surfaces. Do not use on wood or areas subject to strong solvent attack.

APPLICATION

Surface must be at least seven days old, dry, clean and completely free of oil, grease, loose or chalking paint, dirt, etc. If necessary, clean with Bomanite Concrete Degreaser or Bomanite Floor Cleaner, rinse with clean water and allow to dry. Apply Bomanite Vertical Stain with a brush, roller, pump or airless sprayer. Allow each coat to dry completely (approximately one to two hours) before applying additional coats.

SPECIFICATIONS (figures given are averages for product in standard BOMANITE colors)

FORM	Opaque, viscous liquid, available in a wide variety of colors.
ODOR	Slight, sweet
COVERAGE (approximate)	
First coat	250 to 300 square feet per gallon
Subsequent coats	300 to 400 square feet per gallon
pH	8.5 ± 0.2
WEIGHT SOLIDS	29%
VOLUME SOLIDS	20%
VOC:	less than 100 grams per liter
SPECIFIC GRAVITY	1.16
DENSITY	9.62 pounds per gallon
FLASH POINT	None (C.O.C. Method)
ALKALI RESISTANCE	Excellent
ACID RESISTANCE	Good - excellent
DRYING TIME	
To touch	30 to 45 minutes at 20° C. (68° F.) 50% relative humidity.
Recoat	1 to 2 hours at 20° C. (68° F.) 50% relative humidity.
Heavy traffic	24 to 48 hours at 20° C. (68° F.) 50% relative humidity.
GLOSS	35 - 50 / satin lustre (ASTM Test D-523, 60°)
SAFETY	Exceeds slip resistance requirements (A.S.T.M. Test D-2047)
PACKAGE SIZES	1-gallon cans 5-gallon pails

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 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.