



Technical Data

PRODUCT DESCRIPTION

A rubberized masonry coating formulated with synthetic rubber resin.

INTENDED USES

Formulated for use on interior and exterior masonry wall surfaces where exceptional durability, alkali resistance and moisture resistance is required. May also be used on stucco, plaster and brick. NOT INTENDED FOR FLOORS.

PHYSICAL PROPERTIES

Color	White
Finish/Sheen	0 - 5 @ 85°
Resin Type	Styrene-Butadiene Rubber
Reduction Solvents	Diamond Vogel N-3023 Xylol
Clean-up Solvents	Diamond Vogel N-3023 Xylol
Solids By Weight	63%
Solids by Volume	38%
Theoretical Coverage**	609 ft ² /gal @ 1 mil
Dry Film Thickness / Coat	1.5 - 2 mils (37.5 - 50 microns)
Wet Film to Achieve DFT	3.75 - 5 mils (93.75 - 125 microns)
Coverage at DFT**	305 - 406 ft ² /gal @ 1.5 - 2 mils DFT
VOC's	4.3 lbs./gal. (519 grams/liter) unthinned 4.5 lbs./gal. (540 grams/liter) thinned
Thinning	When used as a prime coat, thin with ½ pint Diamond Vogel N-3023 Xylol per gallon.
Drying Time* (hours) [ASTM D 1640]	At 70°F (21°C) Set to Touch - 3 to 4 hours Recoat Time - 12 hours

* Dry times vary with surface temperature, air movement, humidity and film thickness.

** Coverage rates are estimates based on the products volume solids and make no allowance for material loss during application. Actual spread rates may vary dependent on applicator experience, surface porosity and texture.

RECOMMENDED PRIMERS

FILLERS and SEALERS

V-Tech 801 (self-priming when thinned ½ pint Diamond Vogel N-3023 Xylol per gallon)
V-Cote 100 Acrylic Epoxy Block Filler
BF-1501 Permafil Acrylic Block Filler
BU-1501 Sure Grip Primer

SURFACE PREPARATION

All surfaces must be cured, clean, sound, dry and free of all dirt, dust, efflorescence, oil, grease, chalk, previous paint films, curing compounds, form release agents and any other contamination that would interfere with new coating adhesion. Surfaces must be properly prepared and primed prior to application of this product.

Masonry Surfaces:

New concrete and mortar should cure for a *minimum* of 30 days at 72°F (22°C) prior to coating application. Level all surface projections and mortar spatters by stoning. Rake mortar joints clean and remove all soluble salts. Efflorescence and/or lime salts must be neutralized. All cleaning residue must be completely rinsed from the surface. It is recommended that bare concrete surfaces be roughened prior to coating application.

- For a smooth finish on porous block, prime with BF-1501 or V-Cote 100 (recommended for wet environments).
- On bare poured concrete, thin the first coat of V-Tech 801 with 1 quart xylol per gallon.

SURFACE PREPARATION (continued)

Previously Painted Masonry Surfaces:

Power washing is recommended. Power wash using a minimum 2400 psi, 3 g.p.m. to remove contamination. If oil or grease is present, use of a cleaner/degreaser is required. All cleaning residue must be completely rinsed from the surface. Allow to dry completely. Existing coatings that remain must be tightly adherent. Scrape and/or wire brush any loose or peeling paint. Apply test patch over existing coating to insure compatability. Sand glossy and/or shiny surfaces to dull the finish. Spot prime bare surface areas and patched areas with recommended primer. After recommended cleaning and preparation procedures, apply a test area of V-Tech 801 to determine compatability with existing coating.

Mildew:

Remove by using a solution of one part household bleach and three parts water. Apply to mildewed area and scrub. Allow solution to remain on the surface for 3 to 5 minutes and then rinse completely and allow to dry before coating application.

APPLICATION

Stir material prior to application. Intermix containers to insure color uniformity. Apply when air and surface temperatures are above 32° F (0° C) and at least 5° F (3° C) above the dew point. Best results will occur when the temperature is above 50° F (10° C) on completely dry surfaces. While this product is not subject to freezing, cold temperatures will greatly increase drying time. Application during elevated temperatures, wind conditions, and/or low humidity may require special application procedures to achieve proper film formation.

Brush or Roller:

Apply product in full even coats. Maintain a wet edge. Allow the product to dry between coats. A good quality natural bristle brush will make application easier. Select a roller cover suited for the texture of the surface to be coated.

Airless Spray:

Flush airless lines with Diamond Vogel N-3023 Xylol. Equipment must be clean prior to start. Apply a wet coat in even, parallel passes with 50% overlap to avoid bare areas and pinholes. If required, cross spray at right angles.

<i>Tip Orifice</i>	<i>Atomizing Pressure</i>	<i>Mat'l Hose ID</i>	<i>Manifold Filter</i>
0.015" to 0.020"	2500 - 3000 psi	1/4"	60 mesh

STORAGE & SHELF LIFE

Store in protected area maintained at 40 - 100°F (4 - 38°C), for up to two years from date of manufacture. Subject to inspection thereafter.

SAFETY PRECAUTIONS

Paint Products contain chemical ingredients which are considered hazardous. Prior to use, read container label warnings and the current Material Safety Data Sheet for important health and safety information. Insure these instructions are practiced during product application and cure. **Keep out of the reach of children.**

LIMITED WARRANTY

The technical data and suggestions for use contained in this document are true and correct to the best of our knowledge at the date of issuance. The statements of this document do not constitute a warranty, expressed or implied, as to the performance of these products. Since Diamond Vogel Paints does not control the application of its products, or the condition of the surfaces to which they are applied, Diamond Vogel Paint's liability will under no circumstances exceed replacement of the product. **All technical information is subject to change without notice.**