



Heavy Duty Protective Coatings

MV-1520

V-Cote 303

Latex Dri-Mist Semi-Gloss



Technical Data

PRODUCT DESCRIPTION

A fast-dry, latex semi-gloss finish formulated to be applied to interior steel surfaces where the overspray, or "fall out" must be dry before reaching the floor. VOC compliant.

INTENDED USES

Ideal for use on properly prepared bare structural steel, new galvanized/aluminum surfaces or previously coated steel substrates, in sound condition.

PHYSICAL PROPERTIES

| | |
|---------------------------|---|
| Color | White-Tintable to light pastel colors. |
| Finish/Sheen | 15 - 25 @ 60° |
| Resin Type | Vinyl Acrylic |
| Clean-up Solvents | Water |
| Solids by Weight | 47% |
| Solids by Volume | 34% |
| Light Reflectance (white) | 88.5% |
| Theoretical Coverage** | 545/ft ² /gal @ 1 mil |
| Dry Film Thickness / Coat | 2 - 2.5 mils (50 - 62.5 microns) |
| Wet Film to Achieve DFT | 6.5 - 8 mils (162.5 - 200 microns) |
| Coverage at DFT** | 218 - 273 ft ² /GAL @ 2 - 2.5 mils DFT |
| VOC's | .01 lbs./gal. (1 gram/liter) |
| Thinning | DO NOT THIN |

Drying Time* (hours) [ASTM D 1640] At 70°F (21°C) & 50% R.H.
Dry to Touch - 30 minutes
Minimum Recoat - 1 hour

* Dry times vary with surface temperature, air movement, humidity and film
** Coverage rates are estimates based on the products volume solids and make no vary dependent on applicator experience, surface porosity and texture.

PERFORMANCE

Performance criteria meet or exceed Master Painters Institute (MPI) #226 approval standards.

RECOMMENDED PRIMERS

Cote-All Primer (AZ-Series)
V-Cote 200 Acrylic Maintenance Primer/Finish (MC-Series)

SURFACE PREPARATION

All surfaces must be cured, clean, sound, dry and free of all dirt, dust, wax, oil, grease, chalk and any other contamination that would interfere with new coating adhesion. Bare surfaces must be properly prepared prior to application of this product.

Structural Steel Surfaces:

Remove loose rust and mill scale with hand or power abrading tools as per SSPC-SP-2 and SSPC-SP-3. Spot prime rusted areas with rust inhibitive primer.

New Galvanized & Aluminum Surfaces

Solvent wipe to remove surface contamination. Then use an etching solution or abrade the surface by sanding.

Previously Painted Metal Surfaces:

Remove dirt and dust. Power or hand washing is recommended 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. Remove all loose coatings, rust and corrosion by scraping, sanding or other abrading method as per SSPC-SP-2 and SSPC-SP-3. Use sandpaper to dull slick, glossy and/or non-porous surfaces with sandpaper. Spot prime bare and rusted areas.

SURFACE PREPERATION (continued)

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 tinted containers to ensure color uniformity of all material. Minimum surface and air temperature required for application is 50° F (10° C). A minimum fall of 10 feet and minimum temperature of 70° F (21° C) is required for optimum dry fall characteristics. Lower fall height and temperatures may result in overspray adhering to the floor. Protect product from freezing prior to and during application. Curing is affected by temperature, humidity and air movement. Minimum temperature must be maintained for at least 8 hours in order to achieve proper film formation. Application at elevated temperatures, wind conditions and/or low humidity may require special application procedures to achieve proper film formation.

Dry fall characteristics will be adversely affected at temperatures below 70° F or above 50% relative humidity.

Airless Spray: Flush airless lines with water. Equipment must be clean prior to start. Apply the product in even coats and maintain a wet edge. Use multiple passes to achieve film build. One coat is usually sufficient however, if more than one coat is needed, allow 1 hour before recoating.

| <i>Tip Orifice</i> | <i>Atomizing Pressure</i> | <i>Mat'l Hose ID</i> | <i>Manifold Filter</i> |
|--------------------|---------------------------|----------------------|------------------------|
| 0.015" to 0.017" | 2500-3000 psi | 1/4" | 60 mesh |

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.**