



Heavy Duty Protective Coatings

MV-Series
V-Cote 300
Latex Dri-Mist Flat



Technical Data

PRODUCT DESCRIPTION	A fast-dry, latex flat 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	Colors	White MV-1518-Tintable to light pastel colors. Black MV-9518
	Finish/Sheen	0 - 10 @ 85°
	Resin Type	Vinyl Acrylic
	Clean-up Solvents	Water
	Solids by Weight	50%
	Solids by Volume	30%
	Light Reflectance (white)	88.5%
	Theoretical Coverage**	488/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**	195 - 244 ft ² /GAL @ 2 - 2.5 mils DFT
	VOC's	.16 - .27 lbs./gal. (19 - 32grams/liter)
	Thinning	DO NOT THIN
	Drying Time* (hours) [ASTM D 1640]	<u>At 70°F (21°C) & 50% R.H.</u> Minimum Fall - 10 feet Dry to Touch - 30 minutes Minimum Recoat - 1 hour
	* 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.	
PERFORMANCE	Performance criteria meet or exceed Master Painters Institute (MPI) #'s 118 & 133 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.	

SURFACE PREPERATION (continued)

- 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.
- 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

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