



HIGH PERFORMANCE VpCI™ COATINGS

VpCI®-387

Water-Based Outdoor Coating



PRODUCT DESCRIPTION

VpCI-387 is a high-build topcoat that provides long-term corrosion inhibition for metal substrates in tough atmospheric conditions. VpCI-387 is excellent for applications that require a thicker coating for added physical protection. VpCI-387 can be applied directly to metal or used in conjunction with a primer (provided compatibility has been checked). VpCI-387 has excellent UV light resistance.

VpCI-387 is available in custom colors.

FEATURES

- Consistent film build
- High-build film (6-8 mils/150-200 microns) DFT
- Multimetal protection
- Long-term protection (10 years)
- Semi-gloss appearance
- Water-based
- Non flammable

APPLICATION

VpCI-387 must be thoroughly mixed prior to use. Apply by brush, spray or roller. Normal WFT of 13-15 mils (325-375 microns) yields 6-8 mils (150-200 microns) DFT.

NACE	SSPC	ARS
2 or 3	SP 6 or 10	Low A-3 or better

Product cleanup:

Use soap and water to cleanup tools and overspray.

TYPICAL PROPERTIES

VpCI-387 (Standard color)*

Appearance	Gray viscous liquid
Dry to Cure Time	24-72 hr.
Dry to Recoat Time	4-7 hr.
Dry to Touch Time	30-60 minutes
Film Type	Hard
Non-volatile Content	46-51%
Salt Spray (ASTM B 117)	600 hr @ 5.0 mils (125 microns) DFT on Carbon Steel
Prohesion (ASTM G-85)	500 hr. @ 4.5 mils (113 microns) DFT on Carbon Steel
Shelf Life	12 months @ 75°F/24°C
Theoretical Coverage	150-180 ft ² /gal at 5 mils (3-4 m ² /l at 125 microns)
VOC	1.22 lb/gal (146 g/l)
Density	9.8-10.3 lb/gal (1.17-1.23 kg/l)
pH	8.5-9.5 (Neat)
Flash point	None

*The physical properties vary for the custom color versions of VpCI-387.

NOTE: Coating dry time is affected by temperature, air-flow and humidity.



Airless

Manufacturer	Gun Model	Tip/Aircap Combination
Graco	205-591	Bulldog
Binks	Model 500	Mercury 5C
DeVilbiss	JGN-501	QFA-519

Hose should be 3/8" (0.95 cm) I.D. minimum, but a 1/4" (0.64 cm) I.D. whip end section may be used for ease of application. A maximum length of 100 feet (30.5 m) is suggested. Best results will be obtained using a 0.013"-0.017" (0.03-0.04 cm) tip at 1200-1700 psi (83-117 bar).

LIMITATIONS

Avoid using VpCI-387 in situations where the coating is immersed in water or other liquids as this could lead to softening of the film.

PACKAGING AND STORAGE

VpCI-387 is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) metal drums, liquid totes and bulk. Keep product from freezing.

FOR INDUSTRIAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

KEEP CONTAINER TIGHTLY CLOSED

NOT FOR INTERNAL CONSUMPTION

CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

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