



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.

SUBSTRATE PREPARATION

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

Appearance	Viscous liquid, various colors
**Full Cure Time	7 days
**Dry to Recoat Time	4-7 hr.
**Dry to Touch Time	30-60 minutes
Film Type	Hard
Non-volatile Content	35-51% weight
Salt Spray (ASTM B 117)	500 hr @ 5-6 mils (125-150 microns) DFT on Carbon Steel
Prohesion (ASTM G-85)	1500 hr. @ 6-7 mils (150-175 microns) DFT on Carbon Steel
Shelf Life	12 months @ 75°F/24°C
Theoretical Coverage	92-123 ft ² /gal at 6-8 mils (2.6-3.7 m ² /l at 150-200 microns)
VOC Regulatory	1.8-1.9 lb/gal (215-227 g/l)
VOC Actual	0.8-0.9 lb/gal (95.8-107.8 g/l)
Density	8.3-10.3 lb/gal (1.11-1.23 kg/l)
pH	8.5-9.5 (Neat)
Temperature Resistance (Fully Cured)	-150°F to 350°F (-78°C to 180°C)
DFT Recommended	6-8 mils (150-200 microns)

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

** All dry times are at 70°F (21°C) at 50-55% Relative Humidity

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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Distributed by:

4119 White Bear Parkway, St. Paul, MN 55110 USA
Phone (651) 429-1100, Fax (651) 429-1122
Toll Free (800) 4-CORTEC, E-mail info@cortecvci.com
Internet <http://www.CortecVCI.com>

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