



HIGH PERFORMANCE VPCI™ COATINGS

VCI-368 FD

PRODUCT DESCRIPTION

VCI-368 FD is a faster drying version of VCI-368. Depending on the application, this version offers the flexibility needed when drying time is an overriding factor.

VCI-368 FD provides excellent protection to metal substrates exposed to harsh outdoor conditions. VCI-368 FD leaves a firm, wax-like film that is easily removed by alkaline cleaners such as Cortec® VCI-414, or solvents for quicker results.

FEATURES

- Remains flexible.
- Excellent salt spray protection.
- Excellent outdoor protection.
- Multimetal protection.
- Self-healing film.
- Excellent UV resistance.
- Moisture displacing.
- Cured film is heat stable up to 392°F (200°C),
- Conforms to MIL-C-16173D (Grades 1 and 2).
- NSN 8030-00-62-6950.
- NATO 6850-66-132-5848.
- NATO 6850-55-132-6099.

TYPICAL APPLICATIONS

- Pipe protection
- Machine lay-up
- Long-term unsheltered atmospheric protection
- Underbody coating
- Offshore platforms and equipment

METALS PROTECTED

- Carbon Steel
- Stainless Steel
- Copper
- Aluminum
- Cast Iron

PROTECTION PROPERTIES

	ASTM	DFT	Carbon Steel (1010)
Salt Spray	B-117	2-3 mils (50-75 microns)	900-1500 hr.

APPLICATION

Surface Preparation:

NACE	SSPC	ARS
3 or 4	6 or 7	High B-2

Product Cleanup:

Use solvents or mineral spirits for cleanup of tools and overspray.

TYPICAL PROPERTIES

Appearance	Dark brown viscous liquid
Film Type	Firm waxy
Drying to Touch Time	0.5-2 hours
Shelf Life	12 months @ 75°F (24°C)
Non-volatile Content	60-68%
Coverage	320-365 ft ² /gal @ 3 mils (8-9 m ² /l @ 75 microns)
Viscosity	1000-5000 cps
Weight per Gallon	7.2-7.5 lb/gal (0.86-0.90 kg/l)

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

PACKAGING AND STORAGE

VCI-368 FD is available in 5 gallon (19 liter) steel pails, 55 gallon (208 liter) metal drums, totes and bulk.

RECOMMENDED SPRAY EQUIPMENT

This information is based on spraying VCI-368 FD at 3 parts concentrate to 1 part mineral spirits. The viscosity range is between 100-1,000 cps. If using a dilution other than this, please consult a Cortec or Graco representative.

Model	510/AA Plus or Airless
Pump	30:1 President
Tip	0.011-0.015 in (0.027-0.038 cm)
Cap	Standard
Filter	60 Mesh High Pressure
Air Pressure	80 psi
Fluid Hose	3/8" x 10' with 1/4" whip hose for ease of handling
Fluid Pressure (Supply/Gun)	2000/1700 psi

The minimum fluid atomization pressure required is 1500 psi, which gives 2-4 mils (50-100 microns) WFT/pass.

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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