



HIGH PERFORMANCE VCI COATINGS

VCI-368 D

PRODUCT DESCRIPTION

VCI-368 D is the ready-to-use version of VCI-368. It provides the same protection as regular VCI-368, but is already diluted to save time and mixing.

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

FEATURES

- Flexible.
- Excellent outdoor protection.
- Multimetal protection.
- 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 coating
- Steel plate
- Machined parts
- Underbody coating
- Wire rope

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

VCI-368 D may be applied by dipping, brushing or spraying. Film thicknesses of at least 2-3 mils (50-70 microns) are recommended for uncovered outdoor storage.

Surface Preparation:

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

Product Cleanup:

- Use solvents or mineral spirits for cleanup of equipment.
- Solvents, wax strippers, or alkaline cleaners such as VCI-414 can be used for clean up of overspray.

TYPICAL PROPERTIES

Appearance	Dark brown liquid
Drying to Touch Time	0.1-1 hour
Film Type	Firm, wax-like
Non-volatile Content	41-45%
Shelf Life	12 months @ 75°F (24°C)
Coverage	220-240 ft ² /gal @ 3 mils (5-6 m ² /l @ 75 microns)
Viscosity	100-1000 cps
Density	7.1-7.3 lb/gal (0.85-0.87 kg/l)

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

PACKAGING AND STORAGE

VCI-368 D 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 D. 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 (138/117 bar)

The minimum fluid atomization pressure required is 1500 psi (103 bar), 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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