



HIGH PERFORMANCE VpCI™ COATINGS

VpCI®-373

PRODUCT DESCRIPTION

VpCI®-373 is a water-based wash primer. VpCI®-373 is used for bonding other primers and coatings such as VpCI®-386 to a variety of metal substrates. VpCI®-373 is applied at an extremely thin thickness of 0.5-1.0 mil (12.5-25 microns) DFT. When used in conjunction with topcoats, this product can extend protection significantly.

FEATURES

- Excellent replacement for chromate treatments
- Good adhesion on surfaces which are difficult to adhere to
- Multimetal protection
- Excellent primer for aluminum
- Conforms to MIL-P-15328D
- NSN #8010-01-470-2739

TYPICAL PROPERTIES

VpCI®-373 Green

Appearance	Opaque olive green liquid
Shelf Life	12 months @ 75°F (24°C)
Non-volatile Content	38-50%
Theoretical Spread Rate	1054 ft ² /gal @ 0.5 mils DFT (26 m ² /l @ 12.5 microns)
Density	9.7-10.1 lb/gal (1.16-1.21 kg/l)
VOC	0.17 lb/gal (20 g/L)

VpCI®-373 Clear

Appearance	Milky white liquid (dries clear)
Shelf Life	12 months @ 75°F (24°C)
Non-volatile Content	40-50%
Theoretical Spread Rate	1054 ft ² /gal @ 0.5 mils DFT (26 m ² /l @ 12.5 microns)
Density	8.5-8.6 lb/gal (1.02-1.03 kg/l)
VOC	0.17 lb/gal (20 g/L)

APPLICATION

Surface Preparation:

Surface must be equivalent to NACE #3 or SSPC SP2.

NACE - National Association of Corrosion Engineers
SSPC - Steel Structure Painting Council

Product Preparation:

Product must be mixed prior to use as settling occurs over time.

Product Application:

Product can be applied by spray, brush, roll or dip. Normal WFT is 2.5 mils (62.5 microns) yielding 0.5 mil (12.5 microns) DFT.

Spray Application:

Mils/Pass	2.5 mils (62.5 microns) WFT
Model	AA Plus for premium finish 510 (Airless) for other uses
Pump	30:1 President SST
Tip	0.009"-0.013" (0.023-0.033 cm)
Cap	Standard
Filter	60 Mesh SST
Air Pressure	100 psi (69 bar) AA 2,000-2,500 psi (138-172 bar) Airless
Fluid Hose	3/8" SST Teflon
Fluid Pressure	1000-1500 psi (69-103 bar) AA

Product Clean-up:

Use water to clean up tools and overspray.

STORAGE AND PACKAGING

VpCI®-373 is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes and bulk. Do not let the product freeze.

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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