VpCI®-373

PRODUCT DESCRIPTION
VpCI-373 is a water-based wash primer 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 Dark green liquid
Shelf Life 12 months @ 75°F (24°C)
Non-volatile Content 38-50%
Theoretical Spread Rate 1054 ft²/gal @ 0.5 mils DFT
(26 m²/l @ 12.5 microns)
Density 9.7-10.1 lb/gal
(1.16-1.21 kg/l)
VOC (REG) 1.76 lb/gal (211g/L)
VpCI-373 Clear
Appearance Milky white liquid (dries clear)
Shelf Life 12 months @ 75°F (24°C)
Non-volatile Content 35-50%
Theoretical Spread Rate 1054 ft²/gal @ 0.5 mils DFT
(26 m²/l @ 12.5 microns)
Density 8.1-8.6 lb/gal
(.97-1.03 kg/l)
VOC (REG) 1.88 lb/gal (226.02 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 SAFETY DATA SHEET FOR MORE INFORMATION

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