



CORTEC
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies

VpCI®-373 Water Based Wash Primer

DESCRIPTION

VpCI®-373 is a fast drying, water-based acrylic one coat system (primer) that provides phenomenal adhesion on tough to adhere to surfaces including aluminum, galvanized, stainless steel and other plated surfaces. The complex mixture of non-toxic, organic inhibitors offers protection that competes with most paints and zinc-rich primers. Provides multi-metal protection. Available in clear and olive green only.

Commercial equivalent to MIL-P-15328D.

NSN#8010-01-470-2739.

PACKAGING & STORAGE

VpCI®-373 is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) metal drums, liquid totes, and bulk. Keep product from freezing.

Product shelf life is 1 year.



CHARACTERISTICS/TECHNICAL DATA

Volume Solids	30.90%
Gloss (ASTM D532)	15-25
VOCs (ASTM D3960)	0.6 lbs/gal (72 g/l)
Viscosity	18-45 sec # 3 Zahn Cup
Pencil Hardness (ASTM D3363)	HB
Spreading Rate	495 sq.ft/gal @ 1.0 mils DFT (12.1 sq.m/l@25 µm)
Weight per Gallon	10.17 lbs/gal (1.22 kg/l)
Flash Point	130 °F (54 °C)
Recommended DFT	.5-1.0 mils (12.5-25 µm)
Recommended WFT	1.6-3.3 mils (40-82.5 µm)
Dry to Touch	20 min
Dry to Handle	40 min
Recoat Time	Dry to touch - 72 hrs, sand thereafter
Force Dry	15-20 min @ 150 °F (65 °C)
Full Cure	3-7 days
Salt Spray (ASTM B117)	72 hrs
Humidity (ASTM D1748)	100 hrs
Adhesion (ASTM D3359)	5B
Flexibility (ASTM D522)	1/2" mandrel (1.27cm)

*All tests performed after a 7 day cure at ambient temperature

