



CORTEC
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies

VpCI®-372 Peelable Coating

DESCRIPTION

VpCI®-372 is a fast drying, water-based acrylic peelable coating that provides protection in sheltered applications. Provides multi-metal protection. Excellent UV resistance. Can be matched to some custom colors.

PACKAGING & STORAGE

VpCI®-372 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	33.40%
Gloss (ASTM D532)	NA
VOCs (ASTM D3960)	0.2 lbs/gal (24 g/l)
Viscosity	50-70 sec # 3 Zahn Cup
Pencil Hardness (ASTM D3363)	NA
Spreading Rate	536 sq.ft./gal @ 1.0 mils DFT (13.15 sq.m/l@25 µm)
Weight per Gallon	8.85 lbs/gal (1.06 kg/l)
Flash Point	>200°F (93°C)
Recommended DFT	2.0-10.0 mils (50-250 µm)
Recommended WFT	6.0-30.0 mils (150-750 µm)
Dry to Touch	1-2 hrs
Dry to Handle	2-3 hrs
Recoat Time	NA
Force Dry	15-20 min @ 150°F (65°C)
Full Cure	3-7 days
Salt Spray (ASTM B117)	168 hrs
Humidity (ASTM D1748)	168 hrs
Adhesion (ASTM D3359)	NA
Flexibility (ASTM D522)	1/2" mandrel (1.27cm)

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

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APPLICATION

Surface Preparation

Substrate should be free of grease, oil, dirt, fingerprints, drawing compounds, rust inhibitors, or any other surface contamination that could affect adhesion. For structural steel applications, Cortec® recommends a minimum of a NACE #3/ SSPC-SP6 commercial blast clean. Consult Cortec® and/or test system adhesion prior to full scale application.

Note: Make sure dew point is more than 5°F (2°C) less than air temperature for application. Power agitate to a uniform consistency using a “squirrel cage” type mixer, hand-held drill mixer, or other equivalent method. VpCI®-372 can be applied by spray, roll, brush, or dip.

Typical Equipment Set Ups

HVLP / Conventional Spray

- Tip .009"-.021" *dependent upon pressures and viscosity
- Air Pressure 45-55 psi
- Fluid Pressure 10 psi
- Fluid hose should be 3/8" (0.95 cm) I.D. with a maximum length of 50 feet (15.2 m). Pot should always have dual regulation and be kept at same elevation as spray gun.

Air Assisted Airless / Airless

- Tip .015"-.035" *dependent upon pressures and viscosity
- Pressure 1800-2500 psi
- Hose should be 3/8" (0.95 cm) I.D. minimum, but a 1/4" (0.64 cm) I.D. whip end section may be used for ease of application. A maximum length of 100 feet (30.5 m) is suggested.

Clean Up

Clean tools/equipment immediately after use with water when coating is still wet. When dry, simply peel off.

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**

® Environmentally Safe VpCI®/MCI® Technologies

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