



HIGH PERFORMANCE VpCI® COATINGS



VpCI®-372



PRODUCT DESCRIPTION

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

FEATURES

- Fast drying and easy to work with
- Low VOC (less than 0.2 pounds per gallon)
- Applicable via spray, dip, or brushing
- Resistant to sagging or running
- Non-flammable protective barrier
- UV resistance discourages cracking or chipping under extended sunlight exposure
- Can be tinted to match custom colors
- Excellent as a transit coating over painted surfaces to protect finish during shipment

CHARACTERISTICS/TECHNICAL DATA

Volume solids	33.40%
Gloss (ASTM D532)	NA
Vocs (ASTM D3960)	0.2
Viscosity	21-70 sec # 3 Zahn Cup
Pencil hardness (ASTM D3363)	NA
Spreading rate	536 Sq.Ft./Gal @ 1.0 Mills DFT
Weight per gallon	8.85
Flash point	>200F
Recommended dft	2.0-10.0
Recommended wft	6.0 – 30.0
Dry to touch	1-2 Hrs
Dry to handle	2-3 Hrs
Recoat time	NA
Force dry	15-20 Min @ 150F
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

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 production line applications, use VpCI®-440 or similar phosphatizing pre-treatment. 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 Setups

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.

Cleanup

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

PACKAGING AND 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.

**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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Printed on recycled paper  100% post consumer

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