

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

VpCI®-372 Peelable Coating

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®/MC® Technologies

LIMITED WARRANTY

All statements, technical information and recommendations contained herein are based on tests Cortec® Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed.

Cortec® Corporation warrants Cortec® products will be free from defects when shipped to customer. Cortec® Corporation's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Cortec® Corporation of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer.

Cortec® Corporation shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products.

BEFORE USING, USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR ITS INTENDED USE, AND USER ASSUMES ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of Cortec® Corporation.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. IN NO CASE SHALL CORTEC® CORPORATION BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Revised: 02/28/18. Supersedes: 09/06/17. ©Cortec Corporation 2002-2018 of Cortec® Corporation.

All Rights Reserved. Copying of these materials in any form without the written authorization of Cortec® Corporation is strictly prohibited. 2018, ©Cortec® Corp. ISO accreditation applies to Cortec's processes only.

TEXAS TECHNOLOGIES, INC.

3600 W. Whitestone Blvd. Cedar Park, TX 78613

800.858.1379 or 512.267.0100

E-Mail: info@texastechnologies.com

www.texastechnologies.com