



HIGH PERFORMANCE VpCI™ COATINGS

VpCI™-2026 Top Coat

PRODUCT DESCRIPTION

VpCI-2026 Top Coat is a 100% solids, 2-component, novolac epoxy coating designed for environments that require a high degree of chemical or temperature resistance. VpCI-2026 Top Coat is available in clear, and can be colored with any of the VpCI-2026 HPCS colorants.

FEATURES

- 100% solids
- Solvent-free
- Odorless
- Extensive range of colors using VpCI-2026 HPCS colorants
- Gloss finish
- Can be made anti-slip
- VOC compliant
- Excellent Chemical Resistance
- Good Abrasion Resistance
- Single or multiple coat application
- No induction time

SURFACE PREPARATION

The substrate must be clean and dry. Wait 3 hours - 2 weeks after applying the VpCI-396.

FOR BEST RESULTS

- For interior use only
- Do not thin the VpCI-2026 Top Coat
- Do not use when Humidity Exceeds 75%
- Do not allow material to puddle during application
- Allow each coat to dry tack-free before recoating
- Allow each coat within 24 hours of previous coat
- Discard any material subjected to freezing
- Do not apply to structurally unsound surfaces

MIXING

Avoid mixing and application of this product if the floor temperature is below 45°F (7.5°C) or above 100°F (38°C). Also avoid application if the humidity is higher than 75% R.H. For 0.6 gallon (2.27L) and 2.5 gallon (9.5L) units: carefully pour entire contents of Part A container into Part B container.

Blend thoroughly for 3 to 5 minutes with a spiral mixing blade attached to a low-speed (400-600 rpm) electric drill. Take care not to induce air into the material when mixing. This will cause "bubbles" in the coating when applied. For bulk units: portion out 1 gallon (3.8L) of Part A and 1.5 gallons (5.7L) of Part B into a clean 5 gallon (19 L) pail. Blend in accordance with directions stated above.

COVERAGE

This product should be applied at the rate of approximately 125-150 sq. ft per gallon (3.06 m²/L), which is between 11 to 13 wet mils (279.4 - 330.2µm wet). As with all coatings, coverage is dependent on the smoothness and porosity of the surface.

APPLICATION

The recommended application of this product involves pouring it in a narrow line directly onto the surface and then spreading it with a squeegee. Spread the coating in a continuous manner from one side of the area being coated to the other. Immediately follow with a 3/8" (0.95cm) nap shed resistance roller. The VpCI-2026 must be rolled as evenly as possible. To do this, roll forward in a straight line and then roll the same column backwards. Overlap the next column to be rolled by 1/2" (1.27cm) with the previously rolled column. Avoid excess agitation of the liquids with the roller. This will lessen chances of bubbling of the final film. The individual(s) applying the VpCI-2026 Top Coat should be wearing "spiked sandals".



CORTEC
CORPORATION

Environmentally Safe VpCI™/MCI® Technologies

POT LIFE

At 70°F (21°C) and 50% R.H. the VpCI-2026 Top Coat has a useful working time or pot life of approximately 25 minutes. Using any product beyond this time will result in variable results and therefore any mixed product beyond the pot life should be discarded.

PHYSICAL PROPERTIES

Property	Typical Values
Shelf Life	2 years
Application Temperature and Humidity	55°F (13°C) to 85°F (29°C) at less than 75% R.H.
Mixing Ratio (A to B)	Clear: 1 to 1.5 by volume, 1 to 1.7 by weight Gray: 1 to 1.57 by volume, 1 to 1.9 by weight
Coverage	125-150 sq. ft per gallon
Working Time	25 minutes at 70°F(21°C)
Application Method	Straight Squeegee and 3/8" (0.95cm) nap Roller
Ready for Recoat	6-8 hours
% Solids by volume	100% (ASTM D-1464)
Flash Point, PMCC	> 200°F (93°C)
UV Light Resistance	Very Good (QUV)
Hardness (Shore D)	82+ (ASTM D-2240)
VOC	12 g/l (EPA Method 24)
Gloss (60°)	90+
Impact Resistance	> 160 in-lbs (ASTM D-2794)
Indentation	None (MIL-D-3134F)
Abrasion Resistance	0.08 g (ASTM D-4060, CS-17 wheel)
Flammability	Self-Extinguishing (ASTM D-635)
Heat Resistance Limitation	180°F (82°C) Constant 212°F (100°C) Intermittent
Water Absorption	0.15% (ASTM C-413)
Coefficient of Friction	0.72 (ASTM F-609)

PACKAGING

Size	Packaging	Ship Wt
2.5 gallon (19L)	Large One Batch Unit	26.62 lbs (12.1 kg)
12.5 gallon (47.3L)	3x5-Gal Pail Bulk Unit	136 lbs (61.69 kg)
138.0 gallon (522.3L)	3x55-Gal Bulk Unit	1,490 lbs (675.82 kg)

FOR INDUSTRIAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

KEEP CONTAINER TIGHTLY CLOSED

NOT FOR INTERNAL CONSUMPTION

CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

Packaging Type	Packaging Description
Large One Batch Unit	One gallon Hardener container plus 1.5-gal Resin container packaged in a single carton
3 x 5-Gal Bulk Unit	One 5-gal pail of Hardener and Two 5-gal Pails of Resin
3 x 55-Gal Bulk Unit	One 55-gal Drum of Hardener and Two 55-gal Drums of Resin

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.



4119 White Bear Parkway, St. Paul, MN 55110 USA
Phone (651) 429-1100, Fax (651) 429-1122
Toll Free (800) 4-CORTEC, E-mail info@cortecvci.com
Internet <http://www.CortecVCI.com>

Distributed by:

printed on recycled paper  100% post consumer

Revised 11/17/08. Cortec Corporation 2008. All rights reserved. Supersedes: none.
© 2008, Cortec Corporation. All Rights Reserved. Copying of these materials in any form without the written authorization of Cortec Corporation is strictly prohibited.