



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”.



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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 |

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