VpCI®-386 Aluminum

VpCI-386 Aluminum has exceptionally good anti-abrasion qualities, making it easily adaptable to steel grating walkways, steel decks, and numerous other applications where abrasion is to be expected.

FEATURES
- Fast-drying
- UV resistant
- Forms non-flammable, protective barrier
- High anti-abrasion performance
- Optimal outdoor performance

MIXING INSTRUCTIONS
This coating is supplied in a single component. Power agitate at low speed to a uniform consistency using a “squirrel cage” type mixer, hand-held drill mixer, or other equivalent method.

APPLICATION
VpCI-386 Aluminum can be used as a topcoat/primer. When solvent-based topcoats are applied over VpCI-386 Aluminum compatibility must be checked. VpCI-386 Aluminum can also be used as a topcoat with Cortec® VpCI®-374 or VpCI®-395 as a primer.

Note: Make sure dew point is more than 5°F (2°C) less than air temperature for application and the temperature is at least 55°F (130°C).

VpCI-386 Aluminum can be applied via spray, roller, or brush.

METALS PROTECTED
- Carbon steel
- Cast iron
- Aluminum
- Stainless steel
- Galvanized steel
- Copper
**CONVENTIONAL SPRAY**

Manufacturer | Gun Model | Tip/Aircap Combination
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DeVilbiss | MBC or JGA | 704E
Binks | #18 or #62 | 66PE

**Airless**

Manufacturer | Gun Model | Tip/Aircap Combination
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Graco | 205-591 | Bulldog
Binks | Model 500 | Mercury 5C
DeVilbiss | JGN-501 | QFA-519

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 the same elevation as spray gun.

Hose should be 3/8” (0.95 cm) I.D. minimum, but a ¼” (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. Best results will be obtained using a 0.013”-0.017” (0.3-0.4 cm) tip at 1200-1700 psi (83-117 bar).

*Note:* Nylon or Teflon type packings are available from pump manufacturer and are highly recommended.

*Note:* Similar equipment may be suitable.

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**VpCI-386 Aluminum** is available in 5 gallon (19 liter), 55 gallon (208 liter), liquid totes, and bulk. Keep product from freezing. Avoid temperatures higher than 75°F (24°C) while in storage.

Supplied by
HITEK Electronic Materials Ltd.
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**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. 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.

**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**

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**TYPICAL PROPERTIES**

**Appearance** | Medium Grey Aluminum*
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**pH** | 8.5-9.5 (Neat)
**Density** | 8.4-9.0 lb/gal (1.01-1.08 kg/l)
**Non-volatile Content** | 35-40%
**Fully Cured** | 7 days at 77°F (25°C) 55% RH
**Dry Film Thickness** | 1.0-2.5 mils (per coat) (25-62.5 microns)
**Adhesion** | 5B
**Theoretical Spread Rate** | 224-261 ft²/gal (1-2.5 mils) (25-67.5 microns)
**Dry to Touch Time** | 30 minutes @ 77°F (25°C)
**Temperature Stability** | 45°F-90°F (7°C-32°C)
**VOC (ASTM D-3960)** | 1.27 lb/gal (152 g/l)
**Viscosity** | 700-3,000 cps (6 rpm/#3)
**Shelf Life** | 12 months
**Temperature Resistance** | -150°F to 275°F (Fully Cured) (-78°C to 130°C)

*limited colours available upon request

**PACKAGING AND STORAGE**

VpCI-386 Aluminum is available in 5 gallon (19 liter), 55 gallon (208 liter), liquid totes, and bulk. Keep product from freezing. Avoid temperatures higher than 75°F (24°C) while in storage.