VpCI® -384

PRODUCT DESCRIPTION
VpCI-384 is a two-part urethane top coat designed to be used over a moisture cure urethane primer, such as VpCI-396. VpCI-384 can be prepared in almost any color desired. The major advantage this top coat offers is excellent adhesion to a moisture cure urethane even after it is fully cured. In addition, VpCI-384 has a high gloss, excellent hardness, extremely good flexibility, excellent solvent resistance, and does not contain aromatic solvents.

FEATURES
• Excellent adhesion to moisture cure urethanes even when fully cured
• High gloss
• Excellent flexibility
• Excellent solvent resistance
• Very hard coating

METALS PROTECTED
• Steel
• Aluminum
• Cast iron
• Galvanized steel

TYPICAL APPLICATIONS
• Bridges
• OEM
• Structural steel
• Tanks

TYPICAL PROPERTIES
Appearance : Liquid, various colors
Induction time : 30 minutes
Dry time : 6 to 8 hours at room temperature
Cure time : 7 days at room temperature
Flash point : 73°F (23°C)
Non-volatile content : 50-70% by weight (45-68% by volume)
Shelf life : 1 year
Pot life : 3 to 4 hours
Theoretical spread rate : 268-537 ft²/gal at 2-4 mils
(6.7-13.4 m²/l at 50-100 microns)
Viscosity : 30-40” (#2 Zahn cup)*
VOC (Regulatory) : 2.7 - 2.8 lb/gal
Mixed : (324-336 lb/gal)
VOC (Actual) : 2.7 - 2.8 g/l
Mixed : (324-336 g/l)
Density : 8.9 - 11.0 lb/gal (1.07 - 1.32 kg/l)
Adhesion : 5B
Film Hardness : 6H+ pencil hardness

*can vary per color
SURFACE APPLICATION
Stir VpCI-384 prior to usage. VpCI-384 is designed to be applied over a urethane primer. The ideal time to apply the top coat is when the primer is just tack free. VpCI-384 can, however, be applied after the primer has cured without any significant drop in adhesion. VpCI-384 should not be applied directly to metal.

Normal wet film thickness of 3-6 mils (75-150 microns) yields 2-4 mils (50-100 microns).

Methods for Monitoring Application:
Wet film thickness gauge.

Product Cleanup:
Butyl acetate, acetone, MEK

PACKAGING AND STORAGE
VpCI-384 is available in 5 gallon (1.9 liter) kits: 4 gallons (15.2 liters) of Part A in a 5 gallon metal pail and a one gallon (3.8 liters) can of Part B.

VpCI-384 Aluminum is available in 6 gallon (22.8 liter) kits: 5 gallons (19 liters) of Part A in a 5 gallon metal pail and a one gallon (3.8 liters) can of Part B.

LIMITATIONS
After mixing Part A and Part B, wait for 30 minutes before applying VpCI-384. Air temperatures should be between 20°F and 100°F (-7°C and 38°C).