



# 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 ft <sup>2</sup> /gal at 2-4 mils (6.7-13.4 m <sup>2</sup> /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).

## **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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