



**HIGH PERFORMANCE VpCI® COATINGS**



# VpCI® -384 RAL 9006 Aluminum



## PRODUCT DESCRIPTION

VpCI-384 RAL 9006 is a two-part aluminum urethane top coat designed to be used over a moisture cure urethane primer, such as VpCI-396. VpCI-384 RAL 9006 Aluminum 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 RAL 9006 Aluminum 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	Aluminum liquid
Induction time	30 minutes
Dry time	6 to 8 hours at room temperature
Cure time	7 days at room temperature
Flash point	72°F (22°C)
Non-volatile content	45-50% by weight
Shelf life	1 year
Pot life	3 to 4 hours
Theoretical spread rate	962 ft <sup>2</sup> /gal at 1-mil (23.5 m <sup>2</sup> /l at 25 microns)
Viscosity	150-300 cps
VOC	3.4-3.5 lb/gal
Regulatory (Mixed)	(408-420 g/l)
VOC	3.4-3.5 lb/gal
Actual (Mixed)	(408-420 g/l)
Density	8.2-8.8 lb/gal
Adhesion	5B
Film Hardness	6H+ pencil hardness

## **SURFACE APPLICATION**

Stir VpCI-384 RAL 9006 Aluminum prior to usage. VpCI-384 RAL 9006 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 4-6 mils (100-150 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 Part A is available in 5 gallon (19 liters) pails.  
VpCI-384 Part B is available in 1 gallon (3.8 liters) pails.

## **LIMITATIONS**

Mix in the ratio: 5 gallons (19 liters) of Part A to 1 gallon (3.8 liters) of Part B.

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 SAFETY DATA SHEET FOR MORE**

**INFORMATION**

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