



# VpCI®-390

## Water Reducible Alkyd Enamel



### PRODUCT DESCRIPTION

VpCI-390 is a water reducible, high gloss, enamel that provides excellent adhesion, durability, and overall performance. It is designed for air and force-dry industrial coatings for metal. The coating exhibits outstanding gloss, gloss retention, corrosion and water resistance. It is HAPs free and VOC compliant to 2.5 lbs./gal. (less exempts). Suitable for use on bare or primed metal surfaces such as: industrial machinery, racks, cranes, gas cylinders, utility trailers, and metal containers. Not recommended for direct to galvanized, aluminum, stainless, or for use in immersion applications.

### FEATURES

- Excellent exterior durability
- Excellent film appearance
- HAPs free

### PERFORMANCE BENEFITS

- Excellent corrosion and early water resistance
- Fast drying
- Superior gloss and gloss retention
- Suitable in dip/flowcoat applications

### APPLICATION

VpCI-390 may be applied with conventional spray, or airless spray. VpCI-390 has limited use as a brush or roller coating. A film thickness of 1.5-2.0 dry mils (37.5-50 microns) is recommended. The coating dries to the touch in 20-30 min @ 77°F (25°C).

### METALS PROTECTED

- Carbon steel
- Stainless Steel\*\*
- Aluminum\*\*
- Galvanized steel\*\*

\*\*Use a wash primer such as VpCI-373 green applied at 0.5-1.0 mils (12.5-25 microns)

### TYPICAL PROPERTIES

Appearance	Custom colours available
NVC	35-45% by weight
Shelf life	1 year
Density	9.6-10.0 lb/gal (1.5-1.20 kg/l)
pH	8.2-9.2
DFT	1.5-2.0 mils (37.5-50 microns)
WFT	2.5-6.0 mils (62.5-150 microns)
Spread Rate	352-264.5 ft²/gal@1.5-2.0 mils
DFT	(8.65-6.48 M²/L)
Viscosity	60-70 seconds #2 Zahn Corp @ 77°F(25°C)
VOC (actual)	1.12 lbs/gal (134.7 g/l)
VOC (regulatory)	2.56 lbs/gal (306.7 g/l)

### TEST DATA

(@ 2 mils/50 microns DFT)

Test Method	Carbon Steel
Salt Spray (ASTM B 117)	500 hrs
Adhesion (ASTM D3359)	5B
Gloss (60° angle ASTM D523)	90+
Pencil Hardness (ASTM D3363)	HB-F

### PACKAGING AND STORAGE

VpCI-390 is available in 5 gallon pails (19 liters), 55 gallon drums (208 liters), & totes. Do not allow product to freeze.



**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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