

VpCI™-386 Acrylic Primer/Topcoat

ANJ006EP / ANJ061EP / ANJ220EP / ANJ233EP / ANJ249EP / ANJ409EP

VpCI™-386 is superior to many coatings with inorganic pigments because the resistance has been improved by replacing pigments and metal oxides with more effective organic corrosion inhibitors. The special combination of additives provides a composite polymer barrier that significantly retards the reaction of metal ionization. A protective film is adsorbed onto metal surfaces. It protects against corrosive electrolytes and aggressive environments, thus preventing corrosion.

VpCI™-386 provides a fast-drying thixotropic coating that is resistant to sagging or running, forming a tough, non-flammable, protective barrier. This dry to-touch film offers extended protection for outdoor or indoor conditions. Thermally stable when dried from -150°F to 350°F (-78°C to 180°C), the coating is ultraviolet resistant. It gives optimal outdoor performance without cracking or chipping upon prolonged exposure to sunlight.

FEATURES:

- Fast-drying, non-flammable
- UV resistant when dried
- Forms non-flammable, protective barrier
- Optimal outdoor performance

METALS PROTECTED:

- Aluminum
- Copper

TEST DATA [at 2 mils (50 microns)] DFT*

Test Method	SAE 1010 Carbon Steel	Aluminum
Salt Spray (ASTM B117)	168 hours	1000+ hours
Humidity (ASTM D1748)	1000+ hours	1000+ hours

*Dry Film Thickness

COMPONENT SPECIFICATION

Alternator Component	Coverage	Method of coating	No. of coats*	Product
DE cover	Inside and Outside	Spray	1	VpCI-386
SRE cover	Inside and Outside	Spray	1	VpCI-386
Rectifier	Inside and Outside	Spray	1	VpCI-386
Rotor	Outside only (exclude slipring)	Spray	1	VpCI-386
Stator	Outside only	Spray	1	VpCI-386
Pulley	Inside and Outside	Spray	1	VpCI-386

Normal Unit - Salt Spray Test Results

Before Salt Spray Test

After 192 hours Salt Spray Test

3 Days after end of Salt Spray Test



Anti-Corrosion Coated Unit - Salt Spray Test Results

Before Salt Spray Test

After 192 hours Salt Spray Test

3 Days after end of Salt Spray Test

