



**A Heresite Protective Coating**

"Where Quality is a Tradition"

**TECHNICAL BULLETIN**

**PC-2000-C**

**Perfect-Coat PC-2000-C Series  
Air Dry Polymeric Resin Coatings**

**PC-2000-C Series Polymeric Resin Coatings  
For Spray Applications**

**GENERAL TYPE:**

A single package, Polymeric Resin Coating which provides envelope protection against chemical and ultraviolet corrosion on ferrous and non-ferrous metals, galvanized, anodized, and painted surfaces. Impact Resistance: 1/2" mandrel bend test,

**RECOMMENDED USAGE:**

An exterior coating for chemical process equipment, transportation vessels, storage tanks, and other applications where flexibility, hardness, toughness, abrasion resistance, and weather ability are required.

**CHEMICAL REISTANCE GUIDE:**

EXPOSURE SPILLAGE	FUMES	SPLASH & SPILLAGE
Acids	Excellent	Excellent
Solvents	Good	Good
Alkali	Excellent	Excellent
Corrosive Salts	Excellent	Excellent
Chlorine	Excellent	Excellent
Fertilizers	Excellent	Excellent
Water	Excellent	Excellent

**ORDERING INFORMATION:**

Shipping Weight:  
PC-2000-C      Approximately 7.75 lbs./gal.

Packaging:  
2000-C is available in 1 and 5 gallon pails.

**COVERAGE:**

Theoretical coverage = 800-1200 sq. ft. per gallon. At 0.5 mil. WFT, yielding approximately 3-5 microns.

**STANDARD COLOR:**

Clear

**HARDNESS:**

Rated 2H

**PHYSICAL DATA:**

Solid by weight: Approximately 61%  
Solid by volume Approximately 51%  
Vapor off point: 660 degrees F.

Shelf Life:                      Indefinite, when kept sealed.

Passed; Direct reverse impact @ 80 lbs. showed no peeling or lifting.

**VISCOSITY:**

1.29cSt @ 104 degrees F. (40 degrees C.)

**VOC:**

676 gms/liter V.O.C. (5.65 lbs/gal) as supplied.

**TEMPERATURE LIMITATIONS:**

Application Temperature: 40-145 degrees F. Do not apply when humidity exceeds 85%. Do not apply when humidity is less than 5% above dew point.

Corrosion Solution's PC-2000-C accepts dry heat temperatures up to 350 degrees F. Temperature excursions up to 400 degrees F can be tolerated for short durations.

**ULTRAVIOLET LIGHT RESISTANCE:**

Impermeable, clear, smooth finish blocks U.V. radiation, and prevents surface oxidation and fading; does not yellow or crack.

**FLASHPOINT (T.C.C.):**

PC-2000-C = 147 degrees F (64 degrees C)

**RECOMMENDED DRY FILM THICKNESS:**

0.5 mil. per coat / 3-5 mils. dry film thickness.

Made For **Corrosion Solutions, Inc.**  
Exclusively for Fin Tube Coils & Cabinetry  
In Coastal Environments by  
**Heresite Protective Coatings Incorporated**