

Corrosion Solutions



A Heresite Protective Coating

"Where Quality is a Tradition"

TECHNICAL BULLETIN

PC-2000

Perfect-Coat PC-2000 Series Air Dry Phenolic Coatings

GENERAL DESCRIPTION:

Air dry Phenolic Coating specifically formulated for the Florida coastal conditions.

RECOMMENDED USAGE

Corrosion Solutions' Perfect-Coat PC-2000 Series, by Heresite, air dry Phenolic coatings are formulated to permit application by brush, spray, or roller. Other outstanding properties are: durability, good adhesion, good film building characteristics, and flexibility. PC-2000 is self priming to steel.

When thoroughly aged, PC-2000 will produce a hard, corrosion resistant films. PC-2000 is recommended as a heavy duty maintenance coating for exposures to splash, spillage, and fumes. PC-2000 is a self-priming coating specially formulated for salt water fume services such as the Florida environment.

Successful applications include: Coils, fans, duct systems, fume hoods, marine, swimming pool environments, steel plants, waste water treatment plants, textile industry, chemical storage areas, and ventilation systems. When finished product is going to be exposed to UV rays, one top coat of Corrosion Solutions' Perfect-Coat PC-2000-C is recommended.

PHYSICAL DATA:

Solids:

48.0% by volume
65.1% by weight

Approximate Shipping Weights:

PC-2000	12 lbs. per 1 gallon pail
	56 lbs. per 5 gallon bucket
PC-2000-S	8 lbs. per 1 gallon pail
	37 lbs. per 5 gallon bucket

COLOR: Dark Green. (Other colors available upon request at additional cost and require 2-4 week lead time to order, receive, and schedule application)

GENERAL CHEMICAL RESISTANCE:

This coating has excellent resistance to atmospheres that are acidic, salt air and Florida atmospheres. The following is a brief listing of the PC-2000 chemical resistance:

EXPOSURE

Acids (dilute)
Alkalis (dilute)
Solvents
Inorganic Salts
Water

FUMES

Excellent
Good
Good
Excellent
Excellent

COVERAGE:

Theoretical coverage is 770 sq. ft. per gallon per mil. This equates to 205 sq. ft. per gallon at 3 mils dry film thickness with a 20% loss factor.

RECOMMENDED DRY FILM THICKNESS:

2 to 3 mils (50 - 76 microns) This can be accomplished in a 2 coat application for finned tube coils. For equipment with heavier gauge metal, 4 to 6 mils (101 - 152 microns) is recommended in a 2 to 3 coat application. Approximately 5 wet mils will achieve 2 dry mils.

ABRASION RESISTANCE:

135 mg weight loss per 1000 cycles cs-17 wheel with 1000 gram weight.

TEMPERATURE LIMITATION:

Corrosion Solutions' Perfect-Coat PC-2000, by Heresite, accepts dry heat temperatures up to 200 degrees F (93 degrees C), with excursions to 250 degrees F (121 degrees C).

SHELF LIFE:

2 years from the date of manufacture stored at 70 degrees F (21 degrees C).

STORAGE CONDITIONS:

Keep temperatures around 70 degrees F whenever possible to maximize shelf life.

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