

Product Data Sheet



PPG Industries, Inc.
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1-800-441-9695

Corafylon™ ADS Zinc Rich Epoxy Primer ADS570A/ADS570B/ADS570Z

Product Information

Product: ADS570A Component A
Code: ADS570B Curing Agent Component B
ADS570Z Zinc Dust Component Z
Product: Polyamide, Epoxy and Zinc Dust
Suggested Use: Sacrificial primer for blasted steel. Can be used for field touch up of shop applied inorganic zinc primers prior to the application of high performance topcoats.

Product Description

Color: Reddish-gray
Gloss 60°: Matte
VOC: 3.38 lbs./gal. (405 g/L)
Method: Calculated (mixed)
Weight/Gallon: 26.2 ± 0.5 lbs./gal. (mixed)
In Service Heat Limitations: 500°F (316°C) maximum, dry heat
Flash Point: ADS570A Component A 61°F (16°C)
ADS570B Component B 62°F (17°C)
ADS570Z Component Z Not combustible
Package: Five gallon mix. Part A is filled at 2.25 gallons in a five gallon container. Part B is 1.00 gallon filled in a one gallon container. Part Z, Zinc Dust is 105 pounds filled in a five gallon container.
Percent Solids by Volume: 68.6 ± 3.0% (mixed, practical)
Percent Solids by Weight: 87.1 ± 3.0% (mixed)

Drying Schedule

Air Dry @ 77°F (25°C) ASTM D5869

Dry to Touch: 1 hour
Dry to Handle: 4 hours
Dry to Recoat: When dry to handle
Drying times listed may vary depending on temperature, humidity and air movement.

Application Data

Substrate: Ferrous metal
Substrate Preparation: The service life of the coating is directly related to the surface preparation. The surface to be coated must be properly prepared, dry, clean and free of contamination. SSPC-SSP6 (NACE # 3) Commercial Blast Cleaning minimum.
Application Method: Air Spray: DeVilbiss MBC gun, 64 air cap with "E" tip and needle or equivalent equipment. Agitated pressure pot with a maximum of 25 ft. 5/16 inch (7.94 mm) I. D. air and 1/2 inch (12.70 mm) I. D. fluid hose. Atomization pressures 50 psi, fluid pressure 15 psi.
Airless Spray: Use equipment recommended by the manufacturer as suitable for application of zinc rich coatings. Continuous agitation of mixed material is required during application. Equipment must be capable of maintaining a minimum of 1500 psi at the tip without surge.
Brush or Roller Application: Not recommended.
Mixing: Thoroughly mix Part A. Add Part B and mix well. Slowly add Part Z, Zinc Dust to this mix using good mechanical agitation. Maintain agitation. Strain through a 60 mesh wire screen into an agitator equipped pot. Maintain agitation during application.

The statement and methods presented in this bulletin are based upon the best available data and practices known to PPG Architectural Finishes, Inc. at the present time. They are not representations or warranties of performance, results or comprehensiveness of such data. Since PPG Architectural Finishes, Inc. is constantly improving its coatings and paint formulas, future technical data may vary somewhat from what was available when this bulletin was printed. Contact your PPG Sales Representative or the Pittsburgh Paints Information Center for the most up-to-date information.

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Coraflox™ ADS Zinc Rich Epoxy Primer ADS570A/ADS570B/ADS570Z

Application Data (continued)

- Thinner Code & Percent:* Thinning is not normally required. To compensate for unusual application or environmental conditions, and where allowed by local VOC regulations, thin sparingly with ADS702 Thinner. Do not over thin.
- Digestion Time:* 30 minutes at paint temperatures of at least 70°F (21°C).
- Pot Life:* 24 hours at 77°F (25°C).
- Wet Film Per Coat:* 4.4 to 5.8 mils (Practical)
Due to the high zinc loading of this product, a portion of the volatile will evaporate during the time required to adequately measure wet film thickness. This results in LOWER THAN ACTUAL wet film readings.
- Dry Film Per Coat:* 3.0 to 4.0 mils
- Coverage Sq. Ft./Gal. @ 3 mils:* Approximately 280 sq. ft. (26.0 m²) at 3.0 mils dry film per U. S. gallon (3.785 liters). Coverage figures do not include loss due to mixing, transfer or application of the coating.
- Clean Up:* ADS702 Thinner

Additional Information

Apply only when air, product and surface temperatures are above 50°F (10°C) and surface temperature is at least 5°F (3°C) above the dew point. Curing is retarded below 60°F (15°C).

Drying times listed may vary depending on temperature, humidity and air movement.

90.2% zinc in the dried film.

Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available by calling 1-800-238-8596.

Not intended for residential use.

Spray equipment must be handled with due care and in accordance with manufacturer's recommendation.

High-pressure injection of coatings into the skin by airless equipment may cause serious injury, requiring immediate medical attention at a hospital.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

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