



PPG Industries, Inc.
One PPG Place
Pittsburgh, PA 15272
1-800-441-9695

Coraflox™ ADS
PVDF Bonding Primer
ADS511/ADS512 White

Product Information

Product ADS511 White Component A
Code: ADS512 Curing Agent Component B
Product: Polyamide Epoxy
Suggested Use: Coraflox ADS PVDF Bonding Primer is recommended as an intermediate coat or tie coat over previously applied PVDF on steel or aluminum substrates.

Product Description

Color: White
Gloss 60°: Flat
VOC: 281 g/l (2.34 lbs/gal)
Method: Calculated (mixed)
Weight/Gallon: 13.3 +/- 0.5 lbs./gal. (mixed)
In Service Heat: 250°F (121°C) maximum dry heat.
Limitations:
Flash Point: ADS511 80°F (28°C)
ADS512 123°F (51°C)
Package: ADS511 is filled at 0.75 gallon (2.84 liters) in a gallon container or 3.75 gallons (14.2 liters) in a five gallon container.
ADS512 is filled at 0.25 gallon (946 ml) in a quart container or 1.25 gallons (4.73 liters) in a two gallon container.
Percent Solids by Volume: 70.1 +/- 3.0% (mixed)
Percent Solids by Weight: 82.4 +/- 3.0% (mixed)

Drying Schedule

Air Dry @ 77°F ASTM D5895
Dry to Touch: 4 hours
Dry to Handle: 8 hours
Dry to Recoat: 48 hours minimum

Application Data

Substrate: PVDF coated steel or aluminum
Substrate Preparation: Surface must be dry, clean and free of contamination. Solvent clean per SSPC-SP1 or power wash to remove contaminants.
Application Method: Air Spray: DeVilbiss MBC-510 gun, 704 or 777 air cap with "E" tip and needle or equivalent equipment. Atomizing pressure 30-60 psi.
Airless Spray: Equipment capable of maintaining a minimum of 2500 psi at the tip without surge. 0.015" (0.381 mm) to 0.018" (0.457 mm) orifice.
Small areas may be brushed using a high quality natural bristle brush.
Refer to Application Guide APG-82 for additional information.
Parts Base by Volume: 3 parts ADS511 Component A
Parts Catalyst by Volume: 1 part ADS512 Component B
Thinner Code & Percent: Thin up to 10% by volume with ADS707 Thinner as needed for application.
Digestion Time: 30 minutes
Pot Life: 8 hours at 77°F (25°C)
Percent Solids by Volume at Application: 69.8 +/- 3.0% (mixed and thinned 10%)
Wet Film Per Coat (mils): 2.9-7.2 mils
Dry Film Per Coat (mils): 2.0-5.0 mils

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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Coverage Sq.
Ft./Gal. @ 1 mil: 1124

Clean Up
Solvent: ADS701 or ADS702 Thinners

Mixing Under mechanical agitation, mix ADS511 Component A thoroughly. Add ADS512 Component B to
Instructions: Component A and mix until uniform. Allow to digest for 30 minutes and reagitae before use.

Coverage Sq.
Ft./Gal. @ 1 mil: 1124

Additional Apply only when air, product and surface temperatures are above 60°F (15.6°C) and surface
Information: temperature is at least 5°F (3°C) above the dew point.

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

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: Removal of old paint by sanding, scraping or other means may generate dust or fumes which contain lead. EXPOSURE TO LEAD DUST OR FUMES MAY CAUSE ADVERSE HEALTH EFFECTS, ESPECIALLY IN CHILDREN OR PREGNANT WOMEN. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted and approved (e.g., NIOSH-approved) respirator and proper containment and cleanup. For additional information, contact the USEPA/Lead Information Hotline at 1-800-424-LEAD or the regional Health Canada office.

Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available by calling 1-800-441-9596.