

Product Data Sheet



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

Coraflon™ ADS

Product Information

Product Code: The product code for Coraflon ADS Component A is ADSxxxxxx where "x" is the color and gloss designation. ADS1B is Component B Curing Agent.

Product: Component A is formulated using only 100% FEVE (fluoropolymer) resins. Component B is an aliphatic isocyanate.

Suggested Use: Coraflon ADS is a two component fluoropolymer finish that provides excellent color and chalk resistance.

Product Description

Color: Various

Gloss 60°: Coraflon ADS can be formulated in gloss ranges from 15 to full gloss.

VOC: VOC will vary with color. Contact your Coraflon Technical Service or sales representative for specific color VOC information.

Flash Point: Component A 78°F (26°C)
Component B 117°F (47°C)

Package: Coraflon ADS is available in one gallon and 32 ounce mixes.

Drying Schedule

Air Dry @ 77°F ASTM D5895

Set to Touch: 1 to 2 hours
Dry to Handle: 10 to 12 hours
Dry to Recoat: 4 hours

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.

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

Application Data

Substrate: Dimensionally stable

Substrate Preparation: Preparation varies with the substrate to be coated. Consult Technical Service for specific recommendation.

Basecoat: The appropriate primer must be used for the substrate to be coated. Coraflon ADS Wash Primer ADS225/ADS226, Coraflon ADS Quick Dry Primer ADS347, Coraflon ADS PVDF Bonding Primer ADS511/ ADS512 or Coraflon ADS High Build Epoxy Primer/Intermediate ADS538/ADS539 may be used. Consult Technical Service for specific primer recommendation.

Application Method: Air or electrostatic spray application preferred. Consult Technical Service for airless spray application recommendations.
Air Spray: DeVilbiss MBC-510 gun, 704 or 777, air cap with "F" tip and needle or equivalent. Atomizing pressure 55-70 psi.
Refer to Application Guide APG-89 for additional information.

Parts Base by Volume: 16.2 parts Coraflon ADS Component A

Parts Catalyst by Volume: 1 part ADS1B Component B

Digestion Time: None required

Pot Life: 4 hours at 77°F (25°C)

Clean Up Solvent: ADS705, ADS706, aromatic or ketone thinners.

Mixing Instructions: Agitate Coraflon ADS Component A thoroughly prior to blending. Add ADS1B Component B to Coraflon ADS Component A and mix well. Thoroughly drain curing agent from its container to insure proper mix ratio. No digestion time is required.

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.

Product Data Sheet



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

Coraflox™ ADS

Additional Product Information

60 Degree Gloss	Weight Per Gallon (mixed) *	Percent Weight Solids (mixed) *	Percent Volume Solids (mixed) *	Coverage Square Feet per Mixed Gallon at 1 Mil *
30 Percent	11.3 +/- 0.5	57.2 +/- 3.0	46.2 +/- 3.0	741
50 Percent	11.1 +/- 0.5	54.6 +/- 3.0	44.3 +/- 3.0	711
80 Percent	10.4 +/- 0.5	41.7 +/- 3.0	35.2 +/- 3.0	565

Additional Application Information

60 Degree Gloss	Percent Volume Solids at Application (thinned) *	Dry Film Per Coat (mils)	Wet Film Per Coat (mils) (thinned) *	Thinning Recommendation
30 Percent	32.3 +/- 3.0%	1.5 to 2.0	4.6 to 6.2	Thin up to 30% with ADS706 Exempt Thinner. Where allowed by local VOC regulations, Coraflox ADS may also be thinned with ADS705 Thinner.
50 Percent	31.0 +/- 3.0%	1.5 to 2.0	4.8 to 6.5	Thin up to 30% with ADS706 Exempt Thinner. Where allowed by local VOC regulations, Coraflox ADS may also be thinned with ADS705 Thinner.
80 Percent	31.7 +/- 3.0%	1.5 to 2.0	4.7 to 6.3	Thin up to 10% with ADS706 Exempt Thinner. Where allowed by local VOC regulations, Coraflox ADS may also be thinned with ADS705 Thinner.

Additional Information:

* Values are calculated using Coraflox ADS Slate Gray Component A mixed with ADS1B Component B. Values will vary with color and gloss.

Coraflox ADS Metallic finishes containing aluminum pigmentation will require Coraflox ADS Clear Coat in specified sheen to achieve maximum performance and durability.

Coraflox ADS Component A contains an exempt solvent that is not included in the VOC calculation as allowed in EPA Method 24.

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.

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.

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

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.

October, 2003