

Product Data Sheet

Coraflon™ ADS Barrier Coat ADS564



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

Product Information

Product Code: ADS564 Component A.
ADS1B Component B Curing Agent.

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

Suggested Use: Coraflon™ ADS Barrier Coat is a two component fluoropolymer finish for use under selected mica colors. Please contact Technical Services for specific recommendations.

Product Description

Color: Off White

Gloss 60°: 30

VOC: 346 g/L (2.78 lbs/Gallon)

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

Package: Coraflon ADS564 Barrier Coat is available in one gallon and 32 ounce mixes.

Drying Schedule

Air Dry @ 77°F(25°C) ASTM D5895, 50% RH

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: 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 all contamination.

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

See WARNING in Additional Information section of page 2.

Primer: The appropriate primer must be used for the substrate to be coated prior to application of ADS Barrier Coat. Coraflon ADS Primers are available for use on various substrates. 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 gun, 704 or 777, air cap with "F" tip and needle or equivalent. Atomizing pressure 55-70 psi.

See** comments on page 2.

Parts Base by Volume: 16.2 parts Coraflon ADS564 Barrier Coat 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: ADS704, ADS705, ADS706, aromatic or ketone thinners.

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

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Additional Product Information

60 Degree Gloss	Weight Per Gallon (mixed) *	Percent Weight Solids (mixed) *	Percent Volume Solids (mixed) *	Coverage Square Feet per Mixed Gallon (thinned) * ¹
30 Percent	12.13 +/- 0.5	61.0 +/- 3.0	46.1 +/- 3.0	308 to 411

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	37.82 +/- 3.0%	1.5 to 2.0	3.9 to 5.2	Thin up to 30% with ADS706 Exempt Thinner in 250 and 340 g/L VOC regulated areas. Can be thinned with ADS705 Thinner up to 15% in 450 g/L regulated areas.

Additional Information

* Values are calculated using Corafon ADS Barrier Coat ADS564 Component A mixed with ADS1B Component B.

¹Coverage figures do not include loss due to mixing, transfer or application of the coating.

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

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

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

Not 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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