

Architectural Coatings

Corafon® ADS Intermix Clear - Satin and Gloss

**PRODUCT INFORMATION**

**Product Codes:** ADS100CCXX Clear - A Component  
 ADS1B B Component

The product code for Corafon ADS Clear A Component is ADS100CC with the gloss designation at the end (30 or 80).

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

**Product Description:** Corafon ADS Intermix Clear is a two component fluoropolymer finish that provides excellent color and chalk resistance. Corafon ADS Clear is intended for use over certain colors and all metallic intermediate coats. Please contact Technical service for specific recommendations.

**RECOMMENDED SUBSTRATES**

Aluminum	PVDF Coated Metal
Ferrous Metal	Steel
Galvanized Steel	Tightly Adhered Rust
Previously Coated Metal	Weathered Galvanized Steel

**TINTING AND BASE INFORMATION**

ADS100CC30	Clear
ADS100CC80	Clear

Corafon ADS Clear is intended for use over certain colors and all metallic intermediate coats. Please contact Technical service for specific recommendations.

**PRODUCT DATA**

**Color:** Clear  
**Gloss:** Satin and Gloss

**VOC (mixed):** 149 g/L (1.24 lbs./gal.)

Contact your Corafon Technical Service or sales representative for product formulated to meet the VOC limits in the SCAQMD region (100 g/L VOC).

<b>Volume Solids</b>	<b>Satin</b>	<b>Gloss</b>
<b>(mixed and thinned):</b>	29.5% +/- 3.0%	29.3% +/- 3.0%

<b>Weight Solids</b>		
<b>(mixed and thinned):</b>	31.1% +/- 3.0%	30.8% +/- 3.0%

<b>Weight per Gallon</b>	<b>Satin</b>
<b>(mixed and thinned):</b>	10.7 lbs (4.9 kg) +/- 0.5 lbs. (227 g)

<b>Weight per Gallon</b>	<b>Gloss</b>
<b>(mixed and thinned):</b>	10.7 lbs. (4.9 kg) +/- 0.5 lbs. (227 g)

<b>Flash Point:</b>	ADS100CC30	100°F (37.7°C)
	ADS100CC80	100°F (37.7°C)
	ADS1B	117°F (47°C)

**CLEANUP:** ADS706, ADS710 or ADS719

**DISPOSAL:** Contact your local environmental regulatory agency for guidance on disposal of unused product. Do not pour down a drain or storm sewer.

**FEATURES AND BENEFITS**

Feature	Benefit
Exceptional gloss retention	Durable, uniform, like-new appearance
Outstanding protection	Excellent resistance to chalking, weathering, marring & abrasion
Aesthetically more pleasing	Superior resistance to ultra-violet light
Extended life cycle	Lengthens building life and reduces maintenance costs
Easy application	Can be sprayed, brushed or rolled
Coatings save money	Cost-effective alternative to removing & replacing infrastructure
VOC compliant	Lower than federal AIM, OTC, LADCO, and CARB regulations

**TEST DATA**

Property	Test Method	Results
Gloss Retention	ASTM D523	5 Yrs. FLA >98%
Abrasion Resistance	ASTM D968	50 L min.
Chalk Resistance	ASTM D4214	10 Yrs. FLA-8
Chemical Resistance	AAMA 605.2	Acid – No effect; Nitric Vapors - <5DE Hunter units
Adhesion	ASTM D3359	No Loss
Impact Resistance	ASTM D2794	Reverse 1/16" Cross Hatch No Loss
Pencil Hardness	ASTM D3363	HB-H
Flexibility	ASTM D4145	3-T-Bend No Cracking or Pick-off

Performance data may vary depending on substrate, surface preparation, system selected, color, and/or film build.

## SURFACE 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. **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](http://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.

### Aluminum

When using Coraflo<sup>®</sup>ADS Wash Primer ADS225/ADS226), solvent clean per SSPC-SP 1. Minimum surface preparation SSPC-SP 2/SP 3 Hand Tool/Power Tool Clean. Solvent wipe to remove dust.

If not using Coraflo ADS Wash Primer, solvent clean per SSPC-SP 1. Abrade substrate to remove gloss and obtain minimum surface profile of 1.0 mil. Solvent wipe to remove dust.

### Ferrous Metal

Recommended surface preparation commercial blast per SSPC-SP 6. Minimum surface preparation SSPC-SP 2/SP 3 Hand Tool/Power Tool Clean. The appropriate primer must be used for the substrate to be coated. Coraflo ADS Primers are available for use on various substrates.

### Galvanized Steel

Abrasive blast per SSPC-SP 7/NACE 4 "brush off blasting" for removal of passivator that may be present. Obtain a surface profile of 1.0-2.0 mils. Ensure passivator not present. The appropriate primer must be used for the substrate to be coated. Coraflo ADS Primers are available for use on various substrates.

### Previously Coated Metal (Non PVDF)

Remove all loose paint. Abrade surface to remove gloss and obtain surface profile. Minimum surface preparation SSPC-SP 2/SP 3 Hand Tool/Power Tool Clean. Remaining coatings should be tested for adhesion and for lifting by the primer. The appropriate primer must be used for the substrate to be coated. Coraflo ADS Primers are available for use on various substrates.

### PVDF Coated Aluminum and Steel

Solvent clean per SSPC-SP 1. Abrade substrate to remove gloss and obtain minimum surface profile of 1.0 mil. Solvent wipe to remove dust. The appropriate primer must be used for the substrate to be coated. Coraflo ADS Primers are available for use on various substrates.

### Steel

Recommended surface preparation commercial blast per SSPC-SP 6. Minimum surface preparation SSPC-SP 2/SP 3 Hand Tool/Power Tool Clean. The appropriate primer must be used for the substrate to be coated. Coraflo ADS Primers are available for use on various substrates.

### Tightly Adhered Rust

Remove all loose paint, mill scale and rust. Steel: SSPC SP-2/SP-3 Hand/Power Tool Cleaning minimum. Old coatings should be tested for adhesion of the existing system and lifting by primer and topcoat. The appropriate primer must be used for the substrate to be coated. Coraflo ADS Primers are available for use on various substrates.

### Weathered Galvanized Steel

Recommended surface preparation commercial blast per SSPC-SP 6. Minimum surface preparation SSPC-SP 2/SP 3 Hand Tool/Power Tool Clean. The appropriate primer must be used for the substrate to be coated. Coraflo ADS Primers are available for use on various substrates.

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Coraflo<sup>®</sup> ADS Intermix Clear - Satin and Gloss**MIXING AND THINNING INFORMATION****Mix Ratio by Volume:** 16.2:1 (ADS 1000:ADS1B)**Mixing Instructions:** Agitate ADS1000 thoroughly prior to blending. Add ADS1B to ADS1000 and mix well. Thoroughly drain curing agent from its container to insure proper mix ratio.**Induction Time:** Not applicable**Pot Life:** 4 hours at 77°F (25°C)**Thinning:** Thin as needed up to 20% with ADS706, ADS710 or ADS719**Accelerator:** None available

THIS PRODUCT IS MOISTURE SENSITIVE. AVOID MOISTURE CONTAMINATION.

**APPLICATION**

Coverage (Satin &amp; Gloss): 212-313 sq. ft./gal. (19.7 - 29 sq. m /3.78 L)

Wet Film Build 5.1 to 7.5 mils

Dry Film Build: 1.5 to 2.2 mils

Coverage figures do not include loss due to surface irregularities and porosity or material loss due to application method or mixing.

**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. 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. Explosion-proof equipment must be used when coating with these materials in confined areas. Keep containers closed and away from heat, sparks, and flames when not in use.**Brush:** Use a high quality natural bristle brush**Roller:** Use a ¼" nap roller cover with a solvent resistant core**DRYING SCHEDULE**

Air Dry @ 77°F(25°C), 50% relative humidity

To Touch: 1 to 2 hours

To Handle: 10 to 12 hours

To Recoat: 4 hours

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

**SAFETY****Safety:** Before using the products listed in this publication, carefully read each product label and follow directions for its use. Read and observe all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available by calling 1-800-441-9695. Utilize appropriate safety practices including use of proper personal protective equipment. See MSDS for details.**Ventilation:** This product contains flammable solvents. Keep away from sparks and open flames. When working in enclosed areas, proper ventilation and air circulation must be maintained during and after application and coating cure. Before coating application, an assessment of the ventilation system should be made to ensure solvent vapors are effectively removed from the area. Effective solvent removal will prevent collection of solvent vapor which could provide an ignition source, fire or explosion.**LIMITATIONS OF USE**

For Professional Use Only. Not intended for Residential Use. These products require specialized training. Please contact your PPG Technical Sales Representative for proper use and application recommendations.

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

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. Air and surface temperatures must remain 50°F (10°C) for at least 24 hours. Avoid painting late in the day when dew and condensation are likely to form or if rain is predicted.

**PACKAGING**

Quart (946 mL)

1-Gallon (3.78 L)

PPG Architectural Finishes, Inc. believes the technical data presented is currently accurate; however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, visit our web site or call 1-800-441-9695.

