

Architectural Coatings

Corafon® ADS Wash Primer

**PRODUCT INFORMATION**

**Product Codes:** ADS225 A Component  
 ADS226 B Component - Acid Component  
 ADS703 Thinner

**Product Type:** Vinyl butyral, zinc chromate

**Product Description:** Corafon® ADS Wash Primer is recommended as a pretreatment for direct application to metal surfaces. This primer provides outstanding adhesion to many bare metal surfaces. The major purpose of this primer is to provide an adhesion surface for subsequent primers and topcoats. To ensure best results, the wash primer should be coated with primer and BRP paint as soon as possible.

**RECOMMENDED SUBSTRATES**

Aluminum  
 Galvanized Steel  
 Steel

**TINTING AND BASE INFORMATION**

ADS225 Translucent Yellow

Do not tint.

**PRODUCT DATA**

**Color:** Translucent yellow on application, darkens to olive green upon cure

**Gloss:** Flat

**VOC (mixed and thinned):** 728 g/L (6.07 lbs./gal.)

**Volume Solids (mixed, unthinned):** 9.6% +/- 2.0%

**Weight Solids (mixed, unthinned):** 18.9% +/- 2.0%

**Weight per Gallon:** 7.3 lbs.(3.3 kg) +/- 0.5 lbs. (227 g)  
 (mixed, unthinned)

**Flash Point:** ADS225 59°F (15°C)  
 ADS226 68°F (20°C)  
 ADS703 84°F (29°C)

**CLEANUP:** Use ADS703

**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**

Promotes adhesion on hard to paint surfaces  
 Ease of application  
 Quick drying  
 Promotes excellent base  
 Serves as pretreatment of metal substrates

**Benefit**

Provides stable and sound substrate  
 Can be brushed, sprayed or rolled applied  
 Turns jobs faster  
 Improves durability of finish  
 Protects recommended substrates

**TEST DATA**

Property	Test Method	Results
Adhesion	ASTM D3359	5A

## 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

Solvent clean per SSPC-SP 1. Minimum surface preparation SSPC-SP 2/SP 3 Hand Tool/Power Tool Clean. Solvent wipe to remove dust.

### Galvanized Steel Surfaces

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.

### Steel

SSPC-SP6 (NACE #3) Commercial Blast Cleaning should be used when abrasive blasting is not practical, surfaces should be chipped clean and wire brushed to bare clean metal.

For best results when applying over previously painted surfaces, all old paint must be removed and the surface blasted. Wash Primer must react with the metal surface to be effective. Preparation varies with the substrate to be coated. Consult Technical Service for specific recommendation.

## MIXING AND THINNING INFORMATION

Mix Ratio by Volume: 4:1:1 (ADS225:ADS226:ADS703)

**Mixing Instructions:** VERY IMPORTANT! The sequence of mixing the ingredients has a dramatic effect on pot life. The addition of ADS703 is always required in order to control the film thickness to the 0.3 to 0.5 mils dry film required for the product. ADS703 THINNER MUST BE ADDED TO ADS225 BEFORE ADDING ADS226.

### Mixing is accomplished as follows:

1. Mix contents of ADS225 thoroughly using a wooden paddle, mechanical stirrer or mixer. Mix thoroughly to evenly distribute the pigment throughout the base. Caution: DO NOT pour off the liquid from the base container before stirring and thoroughly mixing.
2. After ADS225 is thoroughly mixed, add ADS703 at the rate of four (4) parts ADS225 to one (1) part ADS703 by volume.
3. When ADS703 and ADS225 are thoroughly mixed, SLOWLY add one (1) part by volume ADS226 under constant agitation. The final mix ratio is 4 parts ADS225, 1 part ADS703, and 1 part ADS226 by volume.

Mixed material, including thinner, has an eight hour pot life. Solutions mixed for longer periods must **NOT** be used, even though no viscosity increase or other apparent physical changes have occurred.

**Induction Time:** Not applicable

**Pot Life:** 8 hours at temperatures between 60°F (16°C) and 90°F (32°C)

**Thinning:** ADS703

**Accelerator:** None available

**APPLICATION**

**Coverage:** 260 to 438 sq. ft./gal. (24.8 to 40.7 sq. m/3.78 L)

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

Wet Film Build: 4 to 6 mils (mixed & thinned)

Dry Film Build: 0.3 to 0.5 mils (do not exceed 0.5 DFT)

**Application Method**

**Air Spray:** DeVilbiss or equivalent equipment. 704 or 765 air cap, FX tip and needle or equivalent equipment. 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:** A polyester/nylon brush is recommended. A pure bristle will soften after prolonged use.

**DRYING SCHEDULE**

Dry times @77°F (25°C); 50% relative humidity

To Touch: 5 minutes

To Handle: 10 minutes

Dry to Recoat: Overnight

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.

Wash Primer is recommended as a bare metal surface treatment and not an inhibitive primer. Since 0.3 to 0.5 mils is applied, a suitable corrosion resistant primer or intermediate coat must be applied over it within 2 to 48 hours for adequate surface protection.

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). 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**

ADS225	1-Gallon (3.78 L)
ADS226	Quart (946 mL)
ADS703	1-Gallon (3.78 L)

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