

Product Data Sheet



PPG Industries, Inc.
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1-800-441-9695

Coraflon™ ADS

Wash Primer

ADS225/ADS226

Product Information

Product Code: ADS225 Base Component
ADS226 Acid Component
ADS703 Thinner

Product: Vinyl butyral, zinc chromate wash primer

Suggested Use: Coraflon ADS Wash Primer is recommended as a pretreatment for direct application to metal surfaces including steel, aluminum, zinc, tin plate or galvanized steel. Provides outstanding adhesion to many bare metal surfaces.

Product Description

Color: Translucent yellow on application, darkens to olive drab upon curing.

Gloss 60°: Flat

VOC: 728 g/l (6.07 lbs/gal)

Method: Calculated (mixed and thinned)

Weight/Gallon: 7.3 +/- 0.5 lbs./gal. (mixed, unthinned)

In Service Heat Limitations: 150°F (66°C) maximum dry heat.

Flash Point: ADS225 Base Component 59°F (15°C)
ADS226 Acid Component 68°F (20°C)
ADS703 Thinner 84°F (29°C)

Package: ADS225 is packaged in a full filled gallon.
ADS226 is packaged in a full filled quart.
ADS703 is packaged in a full filled gallon.

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

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

Drying Schedule

Air Dry @ 77°F ASTM D5895

Dry to Touch: 5 minutes

Dry to Handle: 10 minutes

Dry to Recoat: Overnight drying must be allowed if topcoating with Coraflon ADS Primers, Coraflon ADS or Megaflon MS.

Application Data

Substrate: Ferrous and non-ferrous metals

Substrate Preparation: For best results on steel surfaces, 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.

Application Method: Air spray is recommended for smooth surfaces. Application by brush is recommended to insure proper coverage of the surface if the surface is rough, pitted or irregular.

Refer to Application Guide APG-80 for additional information.

Parts Base by Volume: See Mixing Instructions

Parts Catalyst by Volume: See Mixing Instructions

Thinner Code & Percent: See Mixing Instructions

Digestion Time: Not applicable

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

Wet Film Per Coat (mils): 4.0 to 6.0 mils (mixed and thinned)

Dry Film Per Coat (mils): 0.3 to 0.5 mils.
Do not exceed 0.5 mils dry film.

Coverage Sq. Ft./Gal. @ 1 mil: 385 sq. ft. (35.7 m²) per U. S. gallon at 0.4 mils dry film.

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.

Clean Up
Solvent: ADS703

Product Data Sheet



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Coraflox™ ADS Wash Primer ADS225/ADS226

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 BASE COMPONENT BEFORE ADDING ADS226 ACID COMPONENT.

Mixing is accomplished as follows:

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

Application Equipment: Air Spray: DeVilbiss or equivalent equipment. 704 or 765 air cap, FX tip and needle.

Brush: A polyester/nylon brush is recommended. A pure bristle will soften after prolonged use.

Application Limitations: 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.

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. Curing is retarded below 60°F (15°C).

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.

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.

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 1-800-441-9695.

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