## Features

- High solids
- Suitable for occupied areas
- Can be recoated in just 4 hours
- Suitable for use in USDA inspected facilities

## General Description

Acrylic Metal Primer is a water-reducible, rust-inhibitive primer for steel, iron, and non-ferrous metal. It provides excellent adhesion to a range of hard-to-coat surfaces and can even be applied over tightly adhering rust. Designed for light-to-moderate industrial exposures, this product can be top coated with a wide variety of coatings.

## Recommended For

Carbon Steel, Iron, Aluminum, Galvanized, Other Non-Ferrous Metals, Glass, Lexan, Concrete, Drywall. Acrylic Metal Primer is designed for use in general metal finishing/fabrication, food/beverage processing, chemical processing, industrial maintenance/refurbishment, and other segments where a rust inhibitive water cleanup primer is necessary.

## Limitations

- Do not apply if material, substrate or ambient temperature is below 50 °F (10 °C). Relative humidity should be below 90%.
- Do not apply if within 5 degrees of dew point or if rain is expected within 12 hours of application.
- Not for immersion service. Not for use on floors.
- Not for use on Kynar unless tested and approved by user.

## Product Information

### Colors — Standard:

- White (01), Red (20)
- Can be tinted with up to 2 oz. Universal Colorants

### — Tint Bases:

N/A

### — Special Colors:

Contact your retailer.

### Certification & Qualifications:

Suitable for use in USDA inspected facilities

- Meets Performance Requirements of TT-P-1975 and MIL-P-28577
- Meets SSPC Paint #23

### Technical Data

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### Coverage per Gallon at Recommended Film Thickness

- Clean Metal: 350 - 450 Sq./Ft.
- Tight Rust: 160 - 220 Sq./Ft.

### Tight Rust

- Wet: 7.3 - 10.0 mils
- Dry: 3.0 - 4.0 mils

### Clean Metal

- Wet: 3.5 - 4.6 mils
- Dry: 1.4 - 1.9 mils

Depending on surface texture and porosity.

### Dry Time @ 77 °F (25 °C) @ 50% RH

- Tack Free: 1 Hour
- To Recoat: 4 Hours
- Cure Time: 7 - 10 Days

### High humidity and cool temperatures will result in longer dry, recoat and service times.

### Dries By

- Coalescence
- Flash Point: 200 °F or greater (TT-P-141, Method 4293)

### Gloss/Sheen

5 – 10 units @ 60°

### Surface Temperature

- Min. at Application: 50 °F
- Max. at Application: 90 °F

### Thin With

- Clean Water

### Clean Up Thinner

- Warm, Soapy Water

### Weight Per Gallon

10.9 lbs.

### Storage Temperature

- Min.: 40 °F
- Max.: 95 °F

### Volatile Organic Compounds (VOC)

199 Grams/Liter  1.66 Lbs./Gallon

◊ Reported values are for White. Contact retailer for values of other bases or colors.
Acrylic Metal Primer V110

Surface Preparation

The performance of this product is directly dependent upon the degree of surface preparation employed. All dirt, oils and accumulated salts must be removed prior to employing specific surface preparation methods. SSPC-SP 1 Solvent Cleaning using Corotech V600 Oil & Grease Emulsifier will best accomplish this task.

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN, PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator 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 National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

**Ferrous metals:** All loose rust and mill scale should be removed prior to application of this product. This is best accomplished by abrasive blasting. A minimum of SSPC-SP 6 Commercial Blast is recommended for severe environmental exposures. Small areas may be cleaned in accordance with SSPC-SP 2 2 Hand Tool Cleaning or SSPC-SP 3 Power Tool Cleaning or SSPC-SP 13 Power Tool Cleaning to Bare Metal. Tightly adhering rust may be coated over provided the surface is intended for use in mild atmospheric exposures.

**Galvanized steel, aluminum and other non-ferrous metals:** Clean bare metal with Corotech V600 Oil & Grease Emulsifier.

**Concrete** should have form release agents and hardening/curing compounds removed prior to coating. This product is not intended for use on floors.

Application

Mix thoroughly before application. The use of a drill mixer at low speed will best accomplish this task. Should not require thinning, however small amounts of water may be used if necessary.

**Airless Spray:** Tip range between 15 and 19 thousandths. Total fluid output pressure at tip should not be less than 2400 psi.

**Air Spray (Pressure Pot):** DeVilbis MBC or JGA gun, with 704 or 765 air cap and Fluid Tip E.

**NOTE:** Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with recommended thinner.

**Brush:** Synthetic Bristle / Roller: High quality short nap cover.

**NOTE:** Do not apply if material, substrate or ambient temperature is below 45°F (7.2°C). Relative humidity should be below 90%. Do not apply if within 5 degrees of dew point or if rain is expected within 12 hours of application.

Clean Up

Clean up with warm, soapy water followed by a clean water rinse.

Environmental Health & Safety Information

**Danger**

May cause cancer

Causes damage to organs through prolonged or repeated exposure

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not breathe dust/fume/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product.

**Response:** If exposed or concerned get medical attention.

**Disposal:** Dispose of contents/container to an approved waste disposal plant.

**WARNING** Cancer and Reproductive Harm—www.P65warnings.ca.gov

This document represents hazards of the product referenced above. Refer to the individual Safety Data Sheet for hazards of the specific product you will be using.

**KEEP FROM FREEZING FOR PROFESSIONAL USE ONLY**

Refer to Safety Data Sheet for additional health and safety information.