

# **ARCHCO VINYL WASH PRIMER**

## **Coating for Aluminum and Galvanized Metal Surfaces**

### **Description**

Archco Vinyl Wash Primer is a two-part, chemical and corrosion-resistant coating designed for aluminum and galvanized steel surfaces. Archco Vinyl Wash Primer provides superior adhesion to aluminum and galvanized surfaces. It is a reactive primer that etches the surface and provides a paintable coating which readily accepts Archco linings, such as Archco 436. Archco Vinyl wash primer may also be used over organic and inorganic zinc coatings.

### **Uses**

Archco Vinyl Wash Primer is primarily used as a primer prior to the application of topcoats such as Archco linings for aluminum and galvanized steel pipes, tanks, etc. in a variety of industries. The primer will enhance adhesion between the substrate and the topcoat.

### **Features**

- Excellent adhesion
- Excellent flexibility
- Excellent abrasion and impact resistance
- Very good chemical resistance

### **Application**

The surface to be coated shall be dry, above 50°F (10°C) and at least 5°F (3°C) above the dew point. All contaminants shall be removed from the steel surface to be coated. Oil and grease should be removed in accordance to SSPC-SP-1. Prepare surfaces by sweep blasting, per SSPC-SP 7, NACE No. 4 or Sa 1. Remove grit prior to coating.

To spray Archco Vinyl Wash Primer, a single-leg, airless spray unit shall be used. The unit shall have a minimum of 30:1 airless pump. A spray tip of 13-17 mils (330-431 microns) shall be used. A wet-on-wet spray technique should be used to achieve a thickness of 5-9 mils (127-229 microns) wet film thickness (0.3-0.5 mils DFT / 7.6-12.7 microns DFT). The coating thickness should be measured using a wet-film thickness gauge. The equipment settings are only guidelines and may vary based on equipment and specific application. After 1-2 hours, a topcoat, such as Archco 436, may be applied.



# Archco Vinyl Wash Primer

## TECHNICAL DATA

PROPERTIES	VALUE
<b>Solids Content, by volume</b>	5.7%
<b>Mixed Material @77°F (25°C)</b>	
Specific Gravity (lb/gal)	7.08
Viscosity	65 KU
Mixing Ratio (A/B) by Volume	1:1
Pot Life	8 Hours
<b>Dry Time</b>	
To Touch @ 77°F (25°C)	5-15 minutes
To Handle @ 77°F (25°C)	15-30 minutes
To Recoat @ 77°F (25°C)	60-120 minutes
<b>Theoretical Coverage</b>	91 ft <sup>2</sup> /1 mils/gallon (2.2 m <sup>2</sup> /25 microns/L)
<b>Thickness per coat</b>	0.3-0.5 mils (7.6-12.7 microns)
<b>Application Temperature</b>	50°F-100°F (10°C-38°C)
<b>Service Temperature</b>	0°F-180°F (-18°C-82°C)

**STORAGE:** 12 months when stored in original container @ 40°F (4°C) to 86°F (30°C).

**CLEANING:** Clean equipment with Archco 400E Thinner or equivalent solvent cleaner, such as butanol.

**HEALTH AND SAFETY:** Wear protective clothing and ensure adequate ventilation. Avoid contact with skin and eyes. See safety data sheets (SDS) for further information.

**PACKAGING:** 2 gallon (7.6 liters) kits



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