

PRODUCT DATA SHEET

ARCHCOTM 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
Solids Content, by volume	5.7%
Mixed Material @77°F (25°C)	
Specific Gravity (lb/gal)	7.08
Viscosity	65 KU
Mixing Ratio (A/B) by Volume	1:1
Pot Life	8 Hours
Dry Time	
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
Theoretical Coverage	91 ft ² /1 mils/gallon (2.2 m ² /25 microns/L)
Thickness per coat	0.3-0.5 mils (7.6-12.7 microns)
Application Temperature	50°F-100°F (10°C-38°C)
Service Temperature	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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