



Tech Data

AP-8414 Vinyl Wash Primer

AP-8414 Chromate Free Self Etching Wash Primer is a two part primer that chemically protects against the corrosion process. It is recommended for protecting bare metal, galvanized steel and aluminum. AP-8414 provides minimal film build for maximum protection.

Recommended Substrates

Aluminum
Galvanized Steel
Stainless Steel
Bare Metal

Products

AP-8414
AP-8415

Self Etching Wash Primer
Self Etching Wash Primer Catalyst

Application

Surface Preparation

Wash the area thoroughly with soap and water to remove contaminants that solvent based cleaners cannot remove effectively. Clean repaired area with a good grade wax and grease remover such as AS-2900 and wipe dry with a clean cloth. Completely sand surface with 180–220 grit sandpaper or equivalent and re-clean with wax and grease remover. If metal surface is badly pitted or rusted, remove rust and treat with a quality metal cleaner or conditioner. Apply AP-8414 immediately after cleaning.

Mixing Directions

1 Part AP-8414
1 Part AP-8415
10% 893 (Optional)

Self Etching Wash Primer
Self Etching Wash Primer Catalyst
Lacquer Thinner

Application

Apply 1 medium wet coat only. Use 35–45 psi at the gun or 5 to 9 psi at the cap when using an HVLP gun. The surface should have a smooth and uniform semi-transparent finish. Allow AP-8414 to dry 30 minutes before recoating with additional primers. Do not apply more than one coat of AP-8414. Do not apply over body filler or lacquer based products. Do not directly topcoat with basecoat or single stage systems. Always apply a primer coat before top coating.

Drying Schedule

Dry times are based on recommended film thickness and are dependent on ambient temperature.

Air Dry @ 77°F

Flash Time	2 - 3 min
To Topcoat	30 min – 45 min

Pot Life

24 hours at 77°F

Accelerator

Do not use accelerator in this product.

Fish Eye Eliminator

Do not use fish eye eliminator in this product.

Repairing & Recoating

AP-8414 may be recoated with additional primers or sealers after a 30-45 minute dry at 77°F or after a minimum 1 hour cool down after force drying at 140°F for 30 minutes. After 4 hours AP-8414 must be scuff sanded before recoating.

Technical Data

Weight Solids		Mixing Ratio,	1:1
Package	34.6%		
Ready to Spray	17.3%		
Volume Solids		Viscosity @ Gun	20-40 #2 Zahn
Package	8.6%	Recommended Film Thickness	.5 to 1.5 mil
		Flash Point	72°F TCC
VOC @ Gun	4.83 lbs/gal	Coverage @ 1 mil	155 sq ft/gal
		Air Pressure @ Gun	35-45 psi