

**Product Description: Gray Single Stage Etching Primer****PRODUCT CODES: PE-0601 - Gray**

**DESCRIPTION:** This Single Stage Etching Primer system can be used over multiple substrates as a “tie-coat” and/or primer. Single Stage Etching Primer exhibits extremely fast dry times with excellent adhesion and flexibility. Apply as a thin film over cold and hot rolled steel, stainless, fiberglass, aluminum, or galvanizing.

**PHYSICAL PROPERTIES:**

Weight Solids: 50%  
Volume Solids: 27%  
Resin Type: Modified Vinyl  
Gloss: Flat  
Theoretical Coverage: 428 square feet at 1.0 mil  
Weight per Gallon: 9.4 pounds  
Viscosity: #2 Zahn – 22 to 24 seconds at 77°F  
EPA VOC: 4.8 pounds per gallon

**SURFACE PREPARATION:** The service expectancy of a coating is primarily dependent upon good surface preparation. The surface to be coated should be free of mill scale, rust, oil, and other contaminants, including salt deposits. It may be applied over steel, aluminum, or galvanized metal. All oils and other contaminants should be removed through solvent wiping or degreasing and rinsing. Fiberglass or plastic should be solvent wiped or treated to remove any mold release agents. Apply direct to substrate in a thin film. Do not apply over iron phosphate or other acid conversion coatings.

**APPLICATION:** Single Stage Etching Primer can be sprayed with all types of application equipment.  
**Airless:** For airless application no reduction is necessary. Airless tip sizes should be in the .009 to .011 range. Adjust pressures accordingly for best atomization and transfer efficiencies. Air-assist airless pressures will be in the 800 to 1,000 pound range for fluid and 30 to 60 pound range for atomizing air.  
**Conventional Air:** For conventional air spray, no reduction is necessary. Pressures will be dependent upon the type of gun and fluid nozzle, but atomizing air pressures will typically be in the 45 to 60 pound range.  
**Dry Film Thickness:** For best results, dry film thicknesses should be about 0.5 to 1.0 mils above surface profile. This will require wet film thicknesses of around 2.0 to 3.0 mils.

**DRY TIMES:** Recoat times may vary according to film thicknesses and curing conditions, but typically they can be topcoated after it reaches tack free or 5 to 10 minutes. This Single Stage Etching Primer system has good lift resistant properties, and may be recoated at later dates as long as care is taken to clean the surface to be coated.

**CLEAN UP:** Use ketones to flush paint lines. N-9000 Gun Cleaner can be used for removing dried coatings.