



**HPC/Industrial Maintenance**

**PITTSBURGH® Paints Int/Ext Rust Inhibitive Steel Primers**

**Generic Type**

Alkyd Resin

**Tinting and Base Information**

DO NOT TINT.  
7-852 White  
7-858 Red

**General Description**

Industrial Enamel primers are for industrial use and may be used on properly prepared interior or exterior metal surfaces. Rust inhibitive formulation to keep corrosion in check.

**Recommended Uses**

Steel  
Iron

**Features / Benefits**

Rust inhibitive formulation.  
Fully 3.5 VOC compliant  
Durable interior/exterior finish

**Limitations of Use**

Apply when air, surface and product temperatures are above 50°F (10°C), and surface temperature is at least 5°F (3°C) above the dew point. Avoid exterior application late in the day when dew and condensation are likely to form or if rain is threatening. Not intended for use as a finish coat. These primers are not intended for use on wood or masonry, aluminum, galvanized steel, copper, brass or stainless steel. Not recommended for immersion service. It is recommended that the primer not be left untopcoated for an extended period of time. Finish coats should be applied as soon as possible after primer has dried.

**Product Data**

**Gloss:** Flat  
**VOC\*:** 2.80 lbs/gal 338.00 g/L  
**Coverage:** 450 to 600 sq ft/gal (41 to 55 sq. m/3.78L)  
*Note: Does not include loss due to varying application method, surface porosity, or mixing.*  
**DFT:** 1.5 minimum to 2.0 maximum  
**Weight/Gallon\*:** 11.6 lbs. (5.3 kg) +/- 0.2 lbs. (91 g)  
**Volume Solids\*:** 56.5% +/- 2%  
**Weight Solids\*:** 75.8% +/- 2%  
**Clean-up:** Leptyne Paint Thinner 21-263

Results will vary by color, thinning and other additives.

\*Product data calculated on 7-852

**Drying Time:**

To Touch: 8 hours  
To Handle: 16 hours  
To Recoat: 16 hours

Dry Time @77°F (25°C); 50% relative humidity

**Flash Point:** 106°F, (41.1°C)

Surface must be clean, dry and free from dirt, loose paint, oil, grease, wax, rust, loose mill scale and other contaminants. Remove oil and grease by solvent cleaning. Sand all slick or glossy surfaces. Minimum: SSPC-SP 2, hand tool cleaning. Recommended: SSPC-SP 6, commercial blast. Anchor pattern requirement 1.0 to 1.5 mils suitable for a thin film alkyd system. Remove all corrosive deposits down to a bright, sound metal surface; clean thoroughly with paint thinner, allow to dry thoroughly. If the iron or steel has been protected with a coating of oil or grease, the surface should be washed with paint thinner.

### Recommended Primers

none See Surface Preparation

### Application Information

#### Recommended Spread Rates:

Wet Mils :	2.6 minimum to	3.5 maximum
Wet Microns:	67.4 minimum to	89.0 maximum
Dry Mils :	1.5 minimum to	2.0 maximum
Dry Microns:	38.1 minimum to	50.8 maximum

**Application Equipment:** Changes in application equipment, pressures and/or tip sizes may be required depending on ambient temperatures and application conditions.

**Conventional Spray:** Graco 700 Gun - 217-757 equipment. Fluid Pressure: 20 lbs Atomizing Pressure: 35-40 lbs.

**Airless Spray:** Pressure 2000 psi, tip 0.015" - 0.021"

**Brush:** China or Natural Bristle Brush

**Roller:** 3/8" - 3/4" nap roller cover.

**Thinning:**  
DO NOT THIN.

### Directions for Use

Stir thoroughly before using and frequently during use. Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available through our website or by calling 1-800-441-9695.

#### Permissible temperatures during application:

Material:	50 to 90°F	10 to 32°C
Ambient:	50 to 100°F	10 to 38°C
Substrate:	50 to 100°F	10 to 38°C

PPGAF believes the technical data presented in this bulletin is currently accurate; however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date information visit our web site or call 1-800-441-9695

**Packaging:** 1-Gallon (3.78L) 5-Gallon (18.9L)

Not all products are available in all sizes.



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**Bulletin: 7-852, 7-858**

Additional copies of this bulletin can be obtained from our web site or by calling 1-800-428-7806.

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