



HPC/Industrial Maintenance

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 ferrous metal surfaces. Rust inhibitive formulation to keep corrosion in check. For Professional Use Only; Not Intended for Household Use.

Recommended Uses

Ferrous Metal

Features / Benefits

Rust inhibitive formulation.
Durable interior/exterior primer
Performance Offset to Federal Standards TT-P-636, TT-P-654, TT-P-1385

Limitations of Use

Apply when air and surface 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 recommended for immersion service. Do not leave untopcoated for an extended period of time. Allow primer to dry 24 hours before applying waterbased topcoats. Drying times listed may vary depending on temperature, humidity and air movement. **DANGER: Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container. Refer to www.pittsburghpaints.com, Spontaneous Combustion Advisory for additional information.**

Product Data

Gloss:	Flat
VOC*:	2.75 lbs/gal 330.00 g/L
Coverage:	390 to 535 sq ft/gal (36 to 49 sq. m/3.78L)
<i>Note: Does not include loss due to varying application method, surface porosity, or mixing.</i>	
DFT:	1.7 minimum to 2.3 maximum
Weight/Gallon*:	11.6 lbs. (5.3 kg) +/- 0.2 lbs. (91 g)
Volume Solids*:	56.5% +/- 2%
Weight Solids*:	75.7% +/- 2%
Clean-up:	Paint Thinner

Results will vary by color, thinning and other additives.

*Product data calculated on 7-852

Drying Time:

To Touch:	6 to 8 hours
To Handle:	16 hours
To Recoat:	Overnight

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

Flash Point:	106°F, (41.1°C)
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General Surface Preparation

The surface to be coated must be dimensionally stable, dry, clean, and free of oil, grease, release agents, curing compounds, and other foreign materials.

The service life of the coating is directly related to the surface preparation. **WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

FERROUS METAL: The recommended surface preparation is Commercial Blast Clean per SSPC-SP6. The minimum surface preparation is Hand Tool or Power Tool Clean per SSPC-SP2 or SP3.

Recommended Primers

Application Information

Recommended Spread Rates:

Wet Mils :	3.0	minimum to	4.1	maximum
Wet Microns:	76.2	minimum to	104.0	maximum
Dry Mils :	1.7	minimum to	2.3	maximum
Dry Microns:	43.2	minimum to	58.4	maximum

Application Equipment: Changes in application equipment, pressures and/or tip sizes may be required depending on ambient temperatures and application conditions. Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury.

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. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. Explosion-proof equipment must be used when coating with these materials in confined areas. Keep containers closed and away from heat, sparks, and flames when not in 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:	60 to 90°F	16 to 32°C
Ambient:	50 to 100°F	10 to 38°C
Substrate:	50 to 125°F	10 to 52°C

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

Not all products are available in all sizes. All containers are not full-filled.

PPGAF believes the technical data presented 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 technical information, visit our web site or call 1-800-441-9695.



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