



Gillespie Coatings, Inc.
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G.C.I. PRODUCT DATA SHEET

PR-94 GRAY; PR-99 RED; PR-99T DARK RED PRIMERS

DESCRIPTION Modified Alkyd Primer

- PRODUCT DATA
- A modified Alkyd Oil Primer for industrial use.
 - General shop primer
 - Resists corrosion
 - Excellent spray ability
 - Contains no lead or chrome pigments
 - Single stage component
 - Typical uses

For use on ordinary steel such as field tanks and other maintenance.
For use in fabrication as a shop primer
For use on interior or exterior metal surfaces
Has general resistance to moisture or fumes

GLOSS AND COLOR Gloss Level of Finish: Flat 5° – 10° on 60° gloss meter
Colors
PR-94 Gray
PR-99 Red Oxide
PR-99T Dark Red Oxide

PHYSICAL DATA

Vehicle	Modified alkyd resin
Pigment Type	Gray, Red iron oxide, rust inhibitors, & inerts
Solvent Type	Mixed Aromatic/aliphatic blend
VOC	3.8 - 3.9 lbs. /gal. (Varies with color)
Flash Point	88° F (minimum)
Weight Per Gallon	10.2 ± 0.1 lbs. /gal.
Recommended	
Dry film thickness	1.5 – 2.0 mils DFT
Theoretical	
Spread rate	664 Ft ² per gallon @ 1 mil, (theoretical)
Volume Solids	37 to 40% (Varies with color)
Volume Weight	58 % (Varies with color)
Viscosity	70 ±5 KU @ 78 F.

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Limitations	Temperature is limited to 200° F. Not for severe service in environments such as acids, base or excessive water.									
APPLICATION										
Method of application:	Spray									
Application Equipment	<p>Airless spray The following is a guide suitable for equipment from various manufacturers. For proper spray characteristics, changes in pressure and type size may be needed.</p> <p>Airless pump ratio 30:1 Non-cycling, air pressure to pump, approximately 40 - 50 psi Tip pressure approximately 1600 - 2000 psi Tip size: .015-inch to .017-inch</p> <p>Conventional Spray The following is a guide suitable for equipment from various manufacturers. For proper spray characteristics, changes in pressure and type size may be needed. Main line air supply with moisture and oil trap are recommended</p> <p>Main airline pressure 100 psi Fluid (pot) pressure 60 – 65 psi Atomizing (gun) 40 – 70 psi Quart cup 40 psi Tip size: .046-inch to .070-inch</p>									
Surface Preparation	Coatings performance is dependent upon surface preparation. Steel – metal preparation SSPC 6. Surface must be clean and free from oil, moisture, grease and rust.									
Film Thickness	<table><thead><tr><th></th><th colspan="2">Minimum / Maximum</th></tr></thead><tbody><tr><td>Wet Mils</td><td>3.5 mils</td><td>5 mils</td></tr><tr><td>DFT Mils</td><td>1.5 mils</td><td>2 mils</td></tr></tbody></table>		Minimum / Maximum		Wet Mils	3.5 mils	5 mils	DFT Mils	1.5 mils	2 mils
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Application Conditions	<p>Coatings material must be above 50° F before use. Air and substrate surface temperature must be above 50° F. Surface temperature must be a minimum of 5° F above dew point to prevent condensation formation.</p> <p>Do not apply when humidity is high and condensation is possible.</p> <p>Painting of metal in direct sunlight not recommended.</p>									
Recommended Thinner	GCI ES-5 (xylene) up to 20%									

