



Gillespie Coatings. Inc.
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Longview, Texas 75602
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G.C.I. PRODUCT DATA SHEET PR-33-100 SERIES COMPLIANT PRIMER

DESCRIPTION Phenolic modified alkyd primer

CHARACTERISTICS - Premium quality universal primer
 - VOC and HAPs compliant coating
 - Resists corrosion
 - Excellent spray ability
 - Single stage component
 - Superior lift resistance
 - Contains no lead or chromate pigments.

TYPICAL USES

Qualified for continuous standard mineral oil immersion

For use in industrial, structural and transportation applications.

For use in fabrication

For use on interior or exterior metal surfaces.

Has superior resistance to moisture or fumes

Temperature is limited to 250° F.

Not for severe service in environments such as acids or base

COLOR AND GLOSS Colors
 - PR-33-111 Red
 - PR-33-112 Gray
 - PR-33-113 Yellow
 - PR-33-119 Black
 - PR-33-180 Light Gray

Gloss - Low gloss finish 15 ± 5 on 60 degree gloss

PHYSICAL DATA

Vehicle Phenolic modified alkyd

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Pigment type	Exterior durable primer and inert pigment Rust inhibiting pigments zinc phosphate and modified zinc phosphate
Solvent type	Aromatic blend, xylene, Tertiary butyl acetate
VOC	3.3 ± 0.1 pounds per gallon Varies with color
Weight per Gallon	10.7 ± 0.2 pounds
Volume solids	38% to 40%
Flash point	88°F
Recommended dry film	1.5 – 2.5 mils
Theoretical spread rate	610 – 642 ft ² at 1 dry mil
Viscosity at 78°F	65 ± 5 KU

Resistant to general service protection on metal surfaces, superior moisture resistance for alkyd system, dry heat to 250°F

Limitations for severe chemical acid or base.

PR 33 Series primers are acceptable with a minimum 24 hour dry time when immersed in standard mineral oils. The GCI first recommended cure time remains a safe 3 day period. This would accommodate ambient and seasonal temperature variations.

APPLICATION

Surface Preparation (*) Blast SSPC-SP6 to achieve 1- to 2-mils anchor profile (*) as determined with a Keane-Tator Surface Profile Comparator, Testex Tape or similar device. Remove abrasive residue and dust from surface. Surface must be clean and free from oil, moisture, grease, dust, and rust.

Mixing Paint must be thoroughly mixed to a uniform consistency with a low speed air powered or explosion proof power agitator prior to use

Film Thickness	Wet Mils	Minimum / Maximum	
		3 mils	5 mils

Film thickness below minimum may degrade coating performance and above maximum will affect dry time

Recommended Thinner Make up thinner if needed, Tertiary butyl acetate

Application conditions 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
Do not apply when humidity is high and condensation is possible

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Method of application	Spray only with airless equipment using in line heaters (100-125°F) Airless Spray tip sizes .015 - .017 Atomization pressure is increased just slightly above point where full fan (atomization) is achieved
Application conditions	Optimum application temperatures are at temperatures above 50°F (painting in direct sunlight not recommended in hot weather) and surface temperatures must be at least 5° F above the dew point.
Average Drying Time	
To touch	10 – 15 minutes
Tack free	30 minutes
Through dry	8 hours
	Dry times are affected by temperature, humidity and film thickness. Do not apply when humidity is high and condensation is possible.
Clean Up Solvent	GCI ES - 5 (xylene) GCI ES - 19 (MEK) GCI ES – 20 (Tbac)
	Clean equipment immediately after use

PACKAGING 55 gallon size drum

SHIPPING DATA

DOT Name	Paint
UN Number	UN1263
Hazardous Class	3, Flammable Liquid
Packing Group II	

CAUTION STATMENT

WARNING - Flammable Liquid FOR INDUSTRIAL USE ONLY

GCI PR-33 Series Primers are flammable. Keep away from open flames and heat. Use adequate ventilation. Avoid contact with skin and breathing of vapors or spray mist. Improper use and handling of this product can be hazardous to health and cause fire.

(*) anchor profile reference by NACE International Abrasive/Profile Comparative Chart.

Gillespie Coatings, Inc. is responsible for technical accuracy and conformation to GCI specifications.

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