



PFI, INC.
PAINTS FOR INDUSTRY

METAL-CLAD[®] ALKYD ENAMEL

EXTREME HIGH GLOSS

All-purpose, durable utility enamel designed for new construction, industrial maintenance, OEM, and metal fabrication applications. Combines state-of-the-art corrosion protection with excellent gloss retention, superior durability, and one-coat coverage. May be applied direct to metal without a primer.

- ✓ Military grade
- ✓ Meets Federal Standard TT-E-489J
- ✓ Excellent color and gloss retention
- ✓ Superior chip and flake resistance
- ✓ Protects against mild chemicals, fumes, oil, and grease
 - ✓ High solids
 - ✓ Interior / Exterior
- ✓ VOC compliant per SCAQMD

www.pfiinc.net

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RECOMMENDED USES

For interior or exterior application to all properly prepared ferrous and non-ferrous metal surfaces, including railings, doors, machinery and equipment, fixtures, pipe and safety markings, utility trailers, racking, and ornamental iron.

RECOMMENDED SYSTEM

1 coat Metalize[®] Alkyd Primer
1 coat Metal-Clad[®] Alkyd Enamel

SURFACE PREPARATION

Surface should be clean, dry, and free of all contaminants such as oil, rust, loose paint, mill scale, and any other detrimental matter to ensure proper adhesion. Ultra-Bond[®] Metal Cleaner is the recommended cleaning solution for all steel surfaces. The use of Ultra-Bond[®] will significantly improve adhesion on nonferrous metal surfaces such as aluminum and galvanized steel.

SSPC-SP1 Solvent Cleaning or SSPC-SP2 Hand Tool Cleaning is recommended. For best possible performance, use Commercial Blast Cleaning per SSPC-SP6/NACE 3.

WARNING! The removal of old paint may release lead dust. Lead is toxic and can cause serious illness and brain damage, especially in children and pregnant women. Before removing old paint, ensure the use of proper protective equipment, including a NIOSH approved respirator. For more information, call the National Lead Information Center at 1-800-424-LEAD.

CLEAN UP

Equipment, hoses, and spills can be cleaned with **AC-3 Zero VOC Reducer** or acetone.

TECHNICAL DATA

Vehicle	Modified alkyd
Finish	Extreme high gloss (90+ units @ 60°)
Color	Full range available
Volume Solids	58 - 62% ¹
Weight Solids	68 - 74% ¹
Viscosity	50 - 60 #4 Ford / 150 - 200 cP ¹
VOC	Less than 340 g/L (2.8 lbs/gal)
Pot Life	2 hours (only applies if alkyd hardener is used)
Shelf Life	3 years unopened
Packaging	1 gallon, 5 gallon, and 55 gallon containers
Coverage	300 - 400 ft ² / gal (theoretical)
Recommended DFT	2.0 - 3.0 mils
Application	Airless or conventional spray
Drying Time	76°F with 50% relative humidity
To Touch	5 hours
To Handle	10 hours
To Recoat	6 hours
To Cure	7 days

Note: Drying time is temperature, humidity, and film thickness dependent.

¹ Values may vary by color.

APPLICATION

Ambient Temperature	40°F - 120°F
Relative Humidity	85% maximum
Recommended Reducer	AC-3 Reducer or acetone

Airless

Pressure	1,800 PSI
Hose	0.25" ID
Tip	.015" - .017"
Filter	60 mesh
Reduction	Not Recommended

Conventional / HVLP

Spray Gun	Binks 95 or similar
Fluid Nozzle	63C
Air Nozzle	63PB
Atomization Pressure	40 PSI
Fluid Pressure	15 - 20 PSI
Reduction	As needed up to 10% by vol.

Brush (touch up only)

Material	Nylon/Polyester
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PRECAUTIONS / ADDITIONAL INFORMATION

Coating performance is dependent on adequate surface preparation and proper application. The information contained in this bulletin is correct to the best of our knowledge. The recommendations and suggestions herein are made without guarantee or representation as to the end result, since the conditions of use, including variations in customer handling and methods of application, are not known and beyond our control. Such information is subject to change and pertains only to the product offered for sale at the time of publication. The user is encouraged to test the complete coating system for adhesion and compatibility prior to full-scale production.

THIS PRODUCT IS INTENDED FOR PROFESSIONAL INDUSTRIAL USE ONLY. Thoroughly review the product label and Safety Data Sheet (SDS) before using. Product information, including the SDS and a copy of this PDS is available online at www.pfiinc.net or by request. This product is free of lead and chrome.

WARRANTY & LIMITATION OF SELLER'S LIABILITY: PFI, Inc. warrants only that the products represented herein meet the formulation standards of PFI, Inc. This warranty shall be in lieu of any other warranty, expressed or implied, including but not limited to any implied warranty of merchantability or fitness for a particular purpose. There are no warranties that extend beyond the description on the face hereof. The buyer's sole and exclusive remedy against PFI, Inc. shall be for replacement of the product in the event a defective condition of the product should be found to exist and the exclusive remedy shall not have failed its essential purpose so long as PFI, Inc. is willing to provide comparable replacement product to the buyer. No other remedy (including but not limited to incidental or consequential damages for lost profits, lost sales, injury to persons or property, environmental injuries, or any other incidental or consequential loss) shall be available to the buyer.