

# SERIES 6400

## CORROSION BARRIER

### “UNIVERSAL” METAL PRIMER



#### PRODUCT FEATURES

- Rust preventative
- High performance
- Fast recoat time
- Low VOC
- Recoat with alkyd, urethane and epoxies
- Excellent barrier coat

#### GENERAL PROPERTIES

A quick-drying universal architectural primer that can be used under high performance epoxy and urethane coating systems. For professional and industrial use only.

#### RECOMMENDED USES

- Structural steel
- Equipment
- Tanks
- Fire escapes
- Metal stairs
- Machinery
- Shop coat
- Interior/ Exterior

#### LIMITATIONS

- Not for immersion service.
- For metal substrates only.

<b>Finish</b>	Low Luster
<b>Vehicle Type</b>	Phenolic Alkyd
<b>Pigment Type</b>	Rust Inhibitor
<b>Solvent Type</b>	Aromatic Solvent
<b>Coating Category</b>	Rust preventative coating max VOC 400 g/l
<b>% Solid by Weight</b>	72% minimum
<b>% Solid by Volume</b>	54% minimum
<b>Weight/Per Gallon</b>	12.20 +/- 0.50 lbs/ gal
<b>Recommended Dry Film by Coat</b>	1.5 to 2.5 mils per coat
<b>Theoretical Coverage</b>	450-500 sq ft. / gallon
<b>Viscosity @ 77° F</b>	80-90 KU
<b>Dry Time Average</b>	To touch: 15 min. To recoat: 2 hours.
<b>Application Method</b>	Brush, roller, spray
<b>Shelf Life</b>	2 Years
<b>Packaged</b>	One, Five, and 55 gallon containers
<b>Flash Point</b>	83°F
<b>Colors</b>	Red and Gray
<b>Federal Specification</b>	TT-P-664C



### **SURFACE PREPARATION**

Surfaces must be dry, thoroughly clean, free of loose paint, rust, dirt, oil, grease and all other foreign matter.  
FOR INTERIOR STEEL: Minimum surface preparation is Hand Tool Clean SP-2 or Power Tool Clean SP-3. FOR EXPOSED INTERIOR STEEL AND WHERE MAXIMUM PROTECTION IS REQUIRED: Minimum surface preparation is Commercial Blast SP-6. All blasted surfaces must be coated within eight hours or before visible rusting occurs. Surface profile of blast not to exceed 2 mils. Prior to blasting, all visible deposits of oil and grease should be removed in accordance with Solvent Clean Sp-1.

### **APPLICATION CONDITIONS**

Recommended Temperature: 30°F-90°F.  
Relative humidity: 70%

### **APPLICATION EQUIPMENT**

Brush – Natural bristle brush.  
Roller – 3/8-1/2 with phenolic core  
Spray – Fluid pressure-1500-2,500 PSI  
Tip- 0.15- 0.19 orifice.

### **THINNING / CLEAN UP INSTRUCTIONS**

Do not thin. Clean all brushes, rollers and equipment with xylene.

### **ENVIRONMENTAL INFORMATION**

Contains no lead, mercury or chromate hazardous compounds. Complies with N.Y., N.J. and other states' requirements for limitation of volatile organic compounds. Meets New York Part 205 architectural surface coatings. Meets criteria for non-photochemical solvents in accordance with New York City Law 49.

**Keep out of reach of children.**  
**Safety Data Sheets available upon request.**  
**Keep from freezing.**

### **HEALTH & SAFETY INFORMATION**

WARNING: FLAMMABLE LIQUID AND VAPOR. Keep away from heat, sparks, and open flames. MAY AFFECT THE BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHES, OR NAUSEA. MAY CAUSE EYE, SKIN, NOSE, AND THROAT IRRITATION. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. Cancer hazard: contains crystalline silica which can cause cancer when in respirable form. Wear a properly fitted vapor/ particulate respirator approved by NIOSH for use with paints, eye protection, gloves and protective clothing during application.

### **RECOMMENDED SYSTEMS**

<b>Steel</b>	Primer: 6400 Finish: Use appropriate Mercury finish coat
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### **ACCURACY OF DATA**

The technical data presented above are true and accurate as of the date of issuance of this Mercury Paint data sheet and are subject to change without notice. We endeavor to supply all catalog holders with up-to-date catalog pages. Therefore, if the issue date is more than a year old, please inquire whether a new page has since been issued. Please visit [www.mercurypaint.com](http://www.mercurypaint.com) for the newest version of this data sheet.

### **WARRANTY**

This product is warranted only to conform to the analysis and specifications expressed above. No other warranty or guarantee, including its merchantability or suitability for any specific application, is implied. The liability of Mercury Paint Corporation, if any, is limited to replacement of product or refund of purchase price and excludes labor, cost of labor of other consequential damages, provided that the purchaser notifies management of Mercury Paint Corporation with twenty-four hours of the application of the product.

