

SERIES 5100

ALKYD FIRST COAT INDUSTRIAL MAINTENANCE PRIMER



PRODUCT FEATURES

- Durable
- Low odor
- Interior/ Exterior
- Easy flow application
- Excellent adhesion

GENERAL PROPERTIES

A heavy duty interior/ exterior, odorless industrial maintenance primer. Provides a smooth well sealed surface with excellent film build and enamel holdout. For professional and industrial use only.

RECOMMENDED USES

For use on exterior metal structures and components such as tanks, bridges, fire escapes, pipes, structural steel, hand rails and machinery. For professional or industrial use only. Also recommended for surfaces that require frequent scrubbing with cleaners and scouring agents.

LIMITATIONS

- Do not apply when air and surface temperature are below 45°F.
- Do not use on galvanized metal.

Finish	Low Luster
Vehicle Type	Odorless Alkyd
Pigment Type	Titanium Dioxide
Solvent Type	Odorless Solvent
Coating Category	Industrial Maintenance Max VOC 250 g/l
% Solid by Weight	70% minimum
% Solid by Volume	50% minimum
Weight/Per Gallon	12.00 lbs/gal avg
Recommended Dry Film by Coat	1.5-2.0 mils per coat
Theoretical Coverage	375-450 sq ft. / gallon
Viscosity @ 77° F	80-95 KU minimum
Dry Time Average	To touch: 4 hours To recoat: 24 hours
Application Method	Brush, roller, spray
Shelf Life	2 Years
Packaged	One and five gallon pails
Flash Point	104°F
Colors	White and tinted colors upon request
Federal Specification	NYCTA M-3-1



SURFACE PREPARATION

All surfaces to be clean, dry and free of dirt, mildew, grease, rust, loose and peeling paint and chalk.

APPLICATION CONDITIONS

Do not apply over moisture or wet surfaces. Air and surface temperature must be above 45°F. Relative humidity: 85% maximum.

APPLICATION EQUIPMENT

Brush- Good quality china bristle
Roller- Short nap roller
Spray- Fluid pressure- 1,500-2,000 PSI
Tip- 0.18 orifice

THINNING / CLEAN UP INSTRUCTIONS

Do not thin. Clean-up with Mercury odorless thinner.

ENVIRONMENTAL INFORMATION

Contains no chromate, lead, or mercury hazardous compounds. Complies with NY, NJ 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.

HEALTH & SAFETY INFORMATION

WARNING! COMBUSTIBLE LIQUID AND VAPOR. Vapor harmful. Keep away from heat and open flame. Do not take internally. Prolonged breathing of vapors may irritate respiratory tract causing headache, nausea and dizziness. Use only with adequate ventilation. Where ventilation is inadequate, use NIOSH/MSHA approved respirator. Avoid contact with skin and breathing of vapors or spray mist. Close container tightly after each use.

RECOMMENDED SYSTEMS

Ferrous Metal New & Repainted	Primer: Series 5100 Finish: Series 4500 IMC
Concrete	Primer: Series 5100 Finish: Series 4500 IMC

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 for the newest version of this data sheet.

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