

DURASHIELD SERIES 4500 F-IM

INDUSTRIAL MAINTENANCE COATING

FLAT ENAMEL



PRODUCT FEATURES

- Durable
- Low odor
- Excellent high solids formulation
- Excellent color retention
- Interior/ Exterior
- Withstands repeated washings

GENERAL PROPERTIES

A heavy duty interior/ exterior, low odor VOC-compliant, flat alkyd industrial enamel. Dries to a tough finish. 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.
- Thin film build up is preferred.

Finish	Flat
Vehicle Type	Alkyd
Pigment Type	Titanium Dioxide & light fast pigments
Solvent Type	Aliphatic Hydrocarbon
Coating Category	Industrial Maint Coating-VOC 250 g/l max
% Solid by Weight	72% minimum
% Solid by Volume	56% minimum
Weight/Per Gallon	10.00 lbs/gal avg
Recommended Dry Film by Coat	1.5-2 mils per coat
Theoretical Coverage	350-400 sq ft. / gallon
Viscosity @ 77° F	80-90 KU minimum
Dry Time Average	To touch: 2-3 hours To recoat: 16 hours
Application Method	Brush, roller, spray
Shelf Life	2 Years
Packaged	One and five gallon pails
Flash Point	104°F
Colors	Stock and custom colors upon request





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SURFACE PREPARATION

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

APPLICATION CONDITIONS

Temperature: 45°F-100°F
Relative humidity: up to 85%
Surface temperature: 5°F above dew point

APPLICATION EQUIPMENT

Brush- Good quality china bristle
Roller- Any high quality roller
Spray- Fluid pressure- 2,000-2,500 PSI
Tip- 0.15-0.21 orifice

THINNING / CLEAN UP INSTRUCTIONS

Do not thin. Clean-up with xylene or mineral spirits.

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. Contains mineral spirits and aromatic naphtha. 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 3000 Finish: Series 4500 IMC
Galvanized Metal New	Primer: Series 3500 Finish: Series 4500 IMC
Galvanized Metal Repainted	Primer: Series 2000 Finish: Series 4500 IMC
Concrete	Primer: Series 4500 IMC 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.

WARRANTY

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