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## Air Dry Primer

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# FM104/01 Red Oxide Primer

# FM105/01 Light Gray Primer

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FM104/01 Red Oxide and FM105/01 Light Gray primers are rust-inhibiting, one component air dry primers for ferrous substrates, such as steel poles.



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### Features & Benefits:

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- Field ready for brushing or rolling applications
  - For interior or exterior use
  - Uniform air dry finish
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### Compatible Surfaces:

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FM104/01 and FM105/01 may be applied over properly prepared:

Raw Steel  
Cold Rolled Steel  
Hot Rolled Steel  
Iron

# FM104/01, FM105/01

## Directions for Use

### Surface Preparation:

- Surfaces must be clean, free of moisture, mill scale, rust and loose paint.
- Surfaces previously painted must be abraded and cleaned for proper adhesion.

### Mix Ratio:



- For brushing and rolling application, use as packaged.
- All components should be mixed thoroughly before using
  - Strain material after mixing

### Application:



- Apply: Apply two coats of primer with high quality applicators:
- Brushes: Use nylon/polyester or china bristle brushes.
  - Rollers: Use woven polyester, mohair or lambswool roller covers.



Total Film Build: 1 - 2 mils dry film thickness

### Estimated Drying Times:



Air-Dry @ 50% Relative Humidity, 70°F/21°C

Dry to touch: 30 minutes - 1 hour

Dry to handle: 2 hours

Dry to topcoat: 30 minutes - 1 hour

### Equipment Cleaning:

Clean equipment with 1 Shot ZZ6001/04 low temperature reducer or ZZ6002/04 high temperature reducer.

**Note: Do not leave mixed material in equipment.**

### Technical Data:

#### VOC Information

VOC Actual RTS	2.81 - 2.82 lbs/gal
VOC Actual RTS	337 g/L
VOC Regulatory (less water less exempt) RTS	2.66 lbs/gal
VOC Regulatory (less water less exempt) RTS	319 g/L

FM302 White used as standard.

For complete VOC information, visit [MatthewsPaint.com](http://MatthewsPaint.com) > Quick Links > VOC Data

#### Performance Characteristics

Volume solids (Packaged)	54.3% (FM104) / 54% (FM105)
Theoretical Coverage (1 mil @ 100% transfer efficiency)	871 sq.ft. (FM104) / 866.2 sq.ft. (FM105)
Application Conditions - Temperature	60°F (16°C) Minimum 100°F (38°C) Maximum
Application Conditions - Relative Humidity	85% maximum 5° above dew point

# FM104/01, FM105/01

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## Directions for Use

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**Important:** The contents of this package may have to be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels of all components, since the mixture will have the hazards of all its parts. Improper spray technique may result in a hazardous condition. Follow spray equipment manufacturer's instructions to prevent personal injury or fire. Follow directions for respirator use. Wear eye and skin protection. Observe all applicable precautions.

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**See Safety Data Sheet and Labels for additional safety information and handling instructions.**

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EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION - US (412) 434-4515; CANADA (514) 645-1320; Mexico 01-800-00-21-400  
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# FM104/01, FM105/01

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**Air Dry Primer**



*The World's Finest Coating For Architectural Signage*

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