



Air Dry Finish Coat

FM100

Field Master

Field Master is a one component air dry finish coating with excellent film characteristics for interior and exterior use. Ideal for refinishing and maintenance.

Features

- Custom colors, matched to corporate identification standards
- Great color and gloss retention
- For interior and exterior use
- Excellent weathering properties

Compatible Surfaces

- Steel
- Aluminum
- Photopolymer
- Acrylic
- Wood

Benefits

Easy application makes it ideal for refinishing and maintenance.

Associated Products

- For ferrous substrates, FM104 Red Oxide and FM105 Light Gray Primers are recommended.
- Primer can be topcoated after 3 to 5 hours.
- For non-ferrous substrates SMPFV205A/B wash primer is recommended.
- SMBR500 Brushing and Rolling Additive.
Add 10 oz. per gallon if needed to help with the overall flow and leveling of product.

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 Ratios:

The gloss of Field Master product can be reduced to semi-gloss and satin, adding FM100 Gloss Modifier:

- 3 parts Field Master and 1 part FM100 provides a film with gloss 60-70 @60°
- 2 parts Field Master and 1 part FM100 provides a film with gloss 20-30 @60°

Reducers:

- For brushing use as received
- For spray reduce with FM169



Spray Set Up:

Conventional Spray – Pressure Tank

Conventional spray gun, .040-.046" nozzle, pressure type air cap

Conventional Spray – Siphon Cup

Conventional spray gun, .070" nozzle, siphon type air cap



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Directions For Use (Continued)



Application:

- For brush and roll applications use as is
- For spray applications reduce to 25-35” #2 Zahn Cup
- Apply when the product, air and surface temperature are between 55° to 100° F



Drying Times:

- 6 to 8 hours dry to touch
- 8 plus hours dry to handle, depending on drying conditions

Factory Pack Colors:

- 16 standard colors
- Custom color match available

Total Film Build:

Apply 1 to 2 mils dry film thickness.

Equipment:

- Conventional spray gun siphon cup
- HVLP
- High quality brush and roll

Equipment Cleaning:

Clean equipment with 1 Shot 6001
low temperature reducer or 6002
high temperature reducer.

Technical Data:

FM302 White

VOC	2.8 lb/gal
Solids by Weight	65.8%
Solids by Volume	52.0%
wt/gal @ 1.5 mil	530 sq ft/gal @ 3 mils wet
Gloss @ 60°	80 min
Viscosity	65-80 KU
Shelf life	1 year, subject to reinspection thereafter
Theoretical Coverage	834 sq ft/gal @ 1 mils dry

Important:

To prevent the possibility of condensation during the coating application the surface temperature should be a minimum 5° above the dew point. If the surface temperature is too high the solvents will volatilize within the film, causing tiny vapor blisters or pinholes that usually leads to an early coating failure. When the ambient temperature is too high, the coating may cure on the surface and inhibit full cure of the underlying material and this will also lead to the formation of blisters and pinholes. To prevent above problems the temperature range has been established. The additives should be used when their properties are required.

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.

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

Emergency Medical or Spill Control Information:

US (412) 434-4515; CANADA (514) 645-1320; Mexico 01-800-00-21-400

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