



### Delfleet® Evolution

# F3906

### High Build Clear - Slow Dry

F3906 High Build Clear – Slow Dry is a low VOC clearcoat specifically designed for the fleet market. The high solids content enables this product to be 3.50 VOC compliant and makes two-coat application possible. F3906 can be used in air dry or force dry conditions.

#### Products

Clear	F3906
High Solids Hardener – Fast	F3260
Hardener	F3240
Fast Thinner	F3320
Medium Thinner	F3330
low Thinner	F3340
Extra Slow Thinner	F3350
Retarder	F3360
Exempt Solvent	F3385
Fast Dry Additive	F3400
Medium Dry Additive	F3405
Slow Dry Additive	F3410

#### Compatible Surfaces

##### F3906 may be applied over:

- FBCH High Solids Polyurethane Basecoat
- FBCS High Solids Polyurethane Basecoat fast
- FDGH Single Stage High Solids Polyurethane Enamel
- FDGU Single Stage Ultra High Solids Polyurethane Enamel
- FBC Basecoat - Must be cross-linked, refer to FBC P-sheet DFT-005
- FDG Single Stage Polyurethane Enamel

# F3906

## Application Data

### Selection of Substrate Cleaner:



Code	Product	Purpose
DX436	Wax & Grease Remover	Suitable for removing dirt, grease or other contaminants before or during the painting process.
DX437	Heavy Duty Wax & Grease Remover	Used to remove heavy milling oils and grease from bare substrates prior to the painting process.

### Mixing Ratio:



F3906	F3260 / F3240	F33xx	F3400 / F3405 / F3410
3	1	1/2	2 oz. per RTS gal.

### Pot Life @ 70°F / 50% RH:



2.5 to 3.5 hours  
*High heat and humidity will shorten pot life.*

### Spray Viscosity:



#2 ZAHN CUP	#3 ZAHN CUP	4DIN	6DIN	8DIN
32 seconds	12 seconds	24 seconds	8 seconds	8 seconds

### Spray Gun Set-up:



	HVLP	CONVENTIONAL
<b>Fluid Tip:</b>	1.2 – 1.5 mm	1.2 – 1.6 mm
<b>Air Pressure:</b>	10 PSI at the cap	45 – 55 PSI
<b>Pressure Pot Set-up:</b>	1.0 – 1.4 mm with 8 – 12 fluid ounces/minute	1.0 – 1.4 mm with 8 – 12 fluid ounces/minute

### Number of Coats:



1 full wet coat with decreased fluid volume, followed by 1 full wet coat with normal fluid volume, see Note (with 5 – 10 min flash time between coats)

**Note:** *Adjust the fluid volume on the gun lower before applying the first coat of F3906. Spray the coat to look as you want the final appearance to look. Apply the second coat with normal fluid volume to achieve the same appearance.*

### Dry Times:



**Flash Off Before Force Dry:**  
 70°F (21°C) 0 – 15 minutes



**Dust-free:**  
 70°F (21°C) 35 – 50 minutes



**Tape Time:**  
 70°F (21°C) 6 – 8 hours  
 140°F (60°C) 30 minutes\*

**Overcoat/Recoat:**  
 70°F (21°C) 60 minutes to 3 days (maximum before sanding is required)

*\*Force dry times are for quoted metal temperature. Additional time should be allowed in the force drying schedule to allow metal to reach recommended temperature.*

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**Total Film Build:**

	<u>Wet</u>	<u>Dry</u>
Minimum	5.0 mils	2.0 mils

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**Theoretical Coverage:**

820 sq. ft.  
*Theoretical coverage in sq. ft. /U.S. gallon ready-to-spray (RTS), giving 1 mil. (25µm) dry film thickness (assuming 100% transfer efficiency).*

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**Performance Comments:**

Wash and Etch primers must be sealed before applying topcoat for optimum performance.

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**Physical Characteristics:****VOC (Packaged)**

F3906	3.3 lbs./gal or 396 g/l
F3260	1.33 lbs./gal or 160 g/l
F3240	1.44 lbs./gal
F33xx	7.13 lbs./gal or 856 g/l (less exempts)
F3400/F3405/F3410	8.14 lbs./gal or 977 g/l (less exempts)

**VOC (Ready-To-Spray):** 3.4 lbs./gal or 407 g/l (less exempts)

**Total Solids By Weight (RTS):** 58.5%

**Total Solids By Volume (RTS):** 51.9%

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**Health and Safety:**

Please refer to Material Data Safety Sheets (MSDS) for full health safety details and storage regulations.

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

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**EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (412) 434-4515. IN CANADA (514) 645-1320.**

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