



DFT-005

Delfleet® 5.0

FBC

Basecoat

FBC Basecoat is a state-of-the-art, premium quality basecoat system designed to reproduce the OEM finishes in a conventional VOC system.

Products

FBC Color	FBC
Hardener	F3260
Extra Fast Thinner	F3310
Fast Thinner	F3320
Medium Thinner	F3330
Slow Thinner	F3340
Extra Slow Thinner	F3350

Compatible Surfaces








FBC may be applied over:

- Properly cleaned and sanded OEM enamels and cured finishes
- F3975 Fast Dry Surfacer (**Must** be sealed when topcoating with Black FBC Basecoat)
- F3995 Conventional Epoxy Primer
- F3960 Pigmented Chrome Etch Primer (**Must** be sealed for optimum performance)
- F3963 Chrome Etch Primer (**Must** be sealed for optimum performance)
- F3966 Non-Chrome Etch Primer (**Must** be sealed for optimum performance)
- F3985 Pigmented Sealer—White

If sanding prior to the application of FBC, use 400 grit wet or dry.



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:		FBC :	F33xx :	F3260*
		2	1	+ 5% by Volume RTS
		Up to an additional 10% reducer may be used to lower RTS viscosity. *Equivalent: Use 6 ounces F3260 per RTS Gallon FBC Color		
Pot Life @ 70°F / 50% RH:		2 Hour pot life		
		<i>High heat and humidity will shorten pot life.</i>		
Spray Viscosity:		#2 ZAHN CUP		
		20 – 30 seconds		
Spray Gun Set-up:			HVLP	CONVENTIONAL
		Fluid Tip:	1.2 – 1.5 mm	1.2 – 1.5 mm
		Air Pressure:	10 PSI at the cap	35 – 45 PSI
		Pressure Pot Set-up:	1.0 – 1.4 mm with 8–10 fluid ounces/min.	1.0 – 1.4 mm with 8–10 fluid ounces/min.
Number of Coats:		2–3 coats		
Dry Times:		Dust-free:	5 – 10 minutes	
		Tape-free:	30 – 60 minutes	
		Overcoat/Recoat	Minimum: 15 minutes	
		70°F (21°C):	Maximum: 24 hours	
		<i>*Stoving times are for quoted metal temperature. Additional time should be allowed in the force-drying schedule to allow metal to reach recommended temperature.</i>		
Total Film Build:			Dry	
		Minimum	0.50 mil.	
		Maximum	2.00 mils.	

Theoretical Coverage: 171–359 sq. ft., depending on color
Theoretical coverage in sq. ft. /US gal. Ready-to-spray (RTS), giving 1 mil. (25µm) dry film thickness (assuming 100% Transfer Efficiency).

- Compatible Clearcoats:**
- F3905 High Build Clear
 - F3910 High Performance Clear
 - F3920 High Solids Clear
 - F3930 Conventional Solids Clear
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Physical Characteristics:

VOC

Package VOC Actual	3.62 – 5.93 lbs/gal (434 – 711 g/l)
Package VOC Regulatory (Less Water, Less Exempts)	3.62 – 5.93 lbs/gal (434– 711 g/l)
2:1 + 5% RTS VOC Regulatory (Less Water, Less Exempts)	4.62 – 6.09 lbs/gal (554 – 730 g/l)
2:1 + 5% + 10% (extra thinner) RTS VOC Regulatory (Less Water, Less Exempts)	4.70 – 6.20 lbs/gal (563 – 714 g/l)
Total Solids By Weight (RTS):	14.0–39%
Total Solids By Volume (RTS):	11.0–22.0%

Health and Safety:



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

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

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

Materials described are designed for application by professional, trained personnel using proper equipment and are not intended for sale to the public. Products mentioned may be hazardous and should only be used according to directions, while observing precautions and warning statements listed on label. Statements and methods described are based upon the best information and practices known to PPG Industries. Procedures for applications mentioned are suggestions only and are not to be construed as representations or warranties as to performance, results, or fitness for any intended use, nor does PPG Industries warrant freedom from patent infringement in the use of any formula or process set forth herein.

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