



DFT-002

DELFLLEET® Evolution

FDGH

Single Stage High Solids Polyurethane Enamel

FDGH is a fast-drying, single stage, 3.5 VOC (max) polyurethane finish designed to maximize productivity in today’s fleet refinishing operations. Choice of hardener and dry additive make FDGH adaptable to various shop conditions. FDGH is available in a wide range of solid and metallic colors and is out of dust in as little as 30 minutes and quickly cures to a high gloss finish that withstands severe fleet operating conditions. In addition, solid and metallic colors may be mixed as a flat, eggshell or semi-gloss finish.

Products

FDGH Color	FDGH
High Solids Hardener	F3260
Cool Temperature Reducer	F3311*
Fast Thinner	F3320
Medium Temperature Reducer	F3321*
Medium Thinner	F3330
Warm Temperature Reducer	F3331*
Slow Thinner	F3340
Hot Temperature Reducer	F3341*
Extra Slow Thinner	F3350
Very Hot Temperature Reducer	F3351*
Retarder	F3360
Exempt Solvent	F3385
Exempt Solvent – Medium	F3390
Exempt Solvent – Slow	F3395
Fast Dry Additive	F3400
Medium Dry Additive	F3405
Slow Dry Additive	F3410

Compatible Surfaces

FDGH may be applied over:

- Properly cleaned and sanded OEM enamels and cured finishes
- F3960 Pigmented Chrome Etch Primer **(Must be sealed for optimum performance)**
- F3963 Chrome Etch Primer **(Must be sealed for optimum performance)**
- F3970 Ultra High Solids Primer
- F3975 Fast Dry Surfacer
- F3985/F3986 Pigmented Sealers
- F3993/95/97 Conventional Epoxy Primers
- F4921/F4921BK/F4921WH 2.1 VOC Primer
- F4932 2.1 VOC Fast Dry Urethane Surfacer
- F4935/36/37 High Solids Epoxy Primers
- F4940 3.5 VOC Non-Chrome Etch Primer **(Must be sealed for optimum performance)**
- F4943/BK 2.1 VOC Fast Dry Urethane Sealers

When sanding prior to the application of FDGH topcoat, use 220 – 320 grit wet or dry

*These reducers contain volatile HAP (VoHAP). They may be used in areas where VoHAP content regulations allow.



FDGH

Application Data (continued)

Flash Off @ 70°F (21°C) before force drying:		0 – 10 minutes
Dry Times:		Dust-Free: 70°F (21°C) 30-60 minutes (Full Gloss) 15-25 minutes (Low Gloss)
		Tape Time: 70°F (21°C) 3 hours 140°F (60°C) 40 minutes
		Overcoat/Recoat: 70°F (21°C) 30 minutes to 8 hours (Sanding is required after maximum time)
		<i>*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.</i>

Film Build:		Wet (per coat)	Dry (total)
	Minimum	2.8 mils	1.5 mils
	Maximum	7.5 mils	4.0 mils

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

Physical Characteristics:

**FDGH:F3260:
F3400/F3405/
F3410:F3320/
F3330/F3340/
F3350/F3360/
F3311/F3321/
F3331/F3341/
F3351**

**FDGH:F3260:
F3385/F3390/
F3395:F3400/
F3405/F3410**

	RTS Combinations	FDGH: color	FDGH:F3260: F3400/F3405/ F3410	FDGH:F3260: F3311/F3321/ F3331/F3341/ F3351	FDGH:F3260: F3385/F3390/ F3395:F3400/ F3405/F3410
Volume Ratio		As is	3 : 1 : 6 oz per RTS gal	3 : 1 : 6 oz per RTS gal : 10%	6 : 1 : 1 : 6 oz per RTS gal
Applicable Use Category		Single-Stage Ctg	Single-Stage Ctg	Single-Stage Ctg	Single-Stage Ctg (Low Gloss)
VOC Actual		277 - 421 (g/L) 2.31 - 3.51 (lbs/gal)	279 - 383 (g/L) 2.33 - 3.19 (lbs/gal)	294 - 419 (g/L) 2.45 - 3.50 (lbs/gal)	194 - 294 (g/L) 1.62 - 2.45 (lbs/gal)
VOC Regulatory (less water less exempt)		277 - 423 (g/L) 2.31 - 3.53 (lbs/gal)	279 - 383 (g/L) 2.33 - 3.20 (lbs/gal)	306 - 419 (g/L) 2.55 - 3.50 (lbs/gal)	273 - 419 (g/L) 2.28 - 3.50 (lbs/gal)
Density		1007-1609 (g/L) 8.40-13.43 (lbs/gal)	1035-1456 (g/L) 8.64-12.15 (lbs/gal)	1013-1401 (g/L) 8.45-11.69 (lbs/gal)	1000 - 1650 (g/L) 8.34-13.77 (lbs/gal)
Volatiles wt.		18.1 - 41.6%	19.9 - 37.3%	24.1 - 42.1%	29.4 - 72.7%
Water wt.		0.0%	0.0%	0.0%	0.0%
Exempt wt.		0.0 - 41.6%	0.0 - 37.3%	0.0 - 42.1%	16.7 - 72.7%
Water vol.		0.0%	0.0%	0.0%	0.0%
Exempt vol.		0.0 - 48.1%	0.0 - 43.2%	0.0 - 48.4%	23.2 - 78.5%

FDGH

Application Data (continued)

Physical Characteristics:	Solids vol.	51.9 - 68.8%	56.8 - 69.0%	51.6 - 62.7%	21.5 - 51.4%
	Theoretical coverage in Sq. Ft./US gal. Ready-to-spray (RTS), giving (1 mil. (25μm) dry film thickness (Assuming 100% Transfer Efficiency)	N/A	911 - 1107	827 - 1005	345 - 824

Health and Safety:



Safety Data Sheets (SDS) for the PPG products mentioned in this publication are available through www.ppgrefinish.com (Safety, SDS Search) or your PPG Distributor.

For additional information regarding this product, see the SDS and LABEL information.

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (412) 434-4515; IN CANADA (514) 645-1320 AND IN MEXICO 01-800-00-21-400.

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.



PPG Industries
Commercial Coatings
19699 Progress Drive
Strongsville, OH 44149
1-800-647-6050

PPG Canada Inc.
2301 Royal Windsor Drive, Unit #6
Mississauga, Ontario L5J 1K5
1-888-310-4762