



Delfleet One™

DFO-113

F8812/WH/BK

Fast Dry Sealer

DELFLEET ONE™ F8812, F8812WH white and F8812BK black fast dry sealers are chrome-free urethanes at less than 1.9 VOC. In gray, white, and black, these sealers provide a smooth finish and fast topcoat time, while still being suitable for larger units. They can be topcoated in as little as 15 minutes.

Products

- | | |
|-------------------------|---------|
| • Fast Dry Sealer | F8812 |
| • Fast Dry Sealer White | F8812WH |
| • Fast Dry Sealer Black | F8812BK |
| • Hardener B | F8201 |
| • Hardener E | F8204 |
| • Reducer 2 | F8311 |

Compatible Surfaces


F8812/WH/BK may be applied over:

- Thoroughly cleaned unsanded or lightly scuffed electrocoat (E-coat)
- Properly prepared OEM finishes and fiberglass
- F8801/WH/BK Thin Film Epoxy Primers
- F8802/WH/BK Sandable Epoxy Primers
- F8810/WH/BK Urethane Primers (used as a primer and sanded before sealing)
- F8811 Urethane Surfacer

Exposed bare metal should be spot primed with a suitable bare metal primer.

F8812/WH/BK

Application Data

Selection of Substrate Cleaner:		Code	Product	Purpose
ONECHOICE® Commercial CFX Cleaners		CFX435LV	Low VOC Cleaner	Compliant cleaner suitable for removing dirt, grease or other contaminants before or during the painting process.
		CFX436	Wax & Grease Remover	Suitable for removing dirt, grease or other contaminants before or during the painting process.
		CFX437	Heavy Duty Wax & Grease Remover	Used to remove heavy milling oils and grease from bare substrates prior to the painting process.

Mixing Ratio:



F8812/WH/BK	:	Hardener F8204*	:	Reducer F8311
3	:	1	:	1



F8812/WH/BK	:	Hardener F8201	:	Reducer F8311
6	:	1	:	2

**F8204 is the preferred hardener for appearance but F8201 may be used when a common hardener with the topcoat is desired.*

Pot Life @ 70°F (21°C)
/ 50% RH:



2 hours

High heat and Humidity will shorten pot life.

Spray Viscosity:



Mix only as directed for proper viscosity

#2 ZAHN CUP	#3 ZAHN CUP	DIN 4
26 – 30 seconds	10 – 13 seconds	20 – 24 seconds

Spray Gun Set-up:



	HVLP	Compliant
Fluid Tip:	1.3 – 1.5 mm	1.3 – 1.5 mm
Air Pressure:	10 PSI max at cap (24 - 29 PSI inlet)*	26 – 30 PSI*
Pressure Pot Set-up:	1.0-1.4 mm with 8-10 fluid ounces per minute	1.0-1.4 mm with 8-10 fluid ounces per minute

**Not to exceed manufacturer's recommendations*

Number of Coats:



1 wet coat at 2.5 mils wet to achieve required minimum dry film of 1 mil

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Application Data (continued)

Flash Off @ 70°F (21°C)
before force drying @
140°F - 160°F (60°C - 71°C):



0 – 10 minutes

Dry Times:



Out of Dust:

70°F (21°C)

10 – 15 minutes

Print-Free:

70°F (21°C)

2 hours

140°F (60°C)

30 minutes



Tape Time:

70°F (21°C)

3 hours

140°F (60°C)

30 minutes



Time to Topcoat:

70°F (21°C)

30 minutes

Overcoat/Recoat:

70°F (21°C)

3 days (maximum before sanding is required)

140°F (60°C)

30 minutes (after cool down)



**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.*

Film Build:

	Wet (per coat)	Dry (total)
Minimum	2.5 mils	1 mil*

*Minimum dry film thickness required

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Application Data (continued)

Physical Characteristics:

Total Solids By Volume (Packaged) F8812/WH/BK:	45.6-46.6%
Total Solids By Weight (Packaged) F8812/WH/BK:	59.0-60.7%
Total Solids By Weight (RTS):	44.3-50.4%
Total Solids By Volume (RTS):	36.0-40.7%

RTS Combinations:	F8812/WH/BK F8201 : F8311	F8812/WH/BK F8204 : F8311
Volume Ratio	6 : 1 : 2	3 : 1 : 1
Applicable Use Category	Primer Sealer	Primer Sealer
VOC Actual (g/L)	110-113 g/L	99-102 g/L
VOC Actual (lbs/gal)	0.92-0.94 lbs/gal	0.83-0.85 gal
VOC Regulatory (less water less exempt) (g/L)	211-215 g/L	211-215 g/L
VOC Regulatory (less water less exempt) (lbs/gal)	1.76-1.79 lbs/gal	1.76-1.79 lbs/gal
Density (g/L)	1415-1444 g/L	1408-1435 g/L
Density (lbs/gal)	11.81-12.05 lbs/gal	11.75-11.97 lbs/gal
Volatiles wt. %	49.6-51.0%	54.3-55.7%
Water wt. %	0.00%	0.00%
Exempt wt. %	41.8-43.0%	47.3-48.4%
Water vol. %	0.00%	0.00%
Exempt vol. %	47.0-47.8%	52.3-53.0%
Theoretical Coverage (sq. ft.)	643-653 sq. ft.	577-587 sq. ft.

Theoretical coverage in sq. ft. /US gal. Ready-to-spray (RTS), giving 1 mil. (25µm) dry film thickness (Assuming 100% Transfer Efficiency).

Health and Safety:



Safety Data Sheets (SDS) for the PPG products mentioned in this publication are available through www.ppgcommercialcoatings.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.

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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

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