



DFT- 061

DELFLLEET® Evolution

F3911

Chemical Resistant Clearcoat

Delfleet Evolution F3911 is a two-component, 3.5 VOC polyurethane clearcoat designed to provide resistance to graffiti and a wide range of fluids and chemicals, which are typically found in a commercial environment.

F3911 achieves a smooth, hard, high-gloss finish and provides superior back-end performance and durability while maintaining excellent application and appearance properties. The availability of a range of activators allows for superior application behavior in a wide range of shop conditions.

Products

Chemical Resistant Clearcoat	F3911
Chemical Resistant - Hardener	F3275
Chemical Resistant - Fast	F3475
Chemical Resistant - Medium	F3476
Chemical Resistant - Slow	F3477

Compatible Surfaces






F3911 may be applied over:

- FBC Polyurethane Basecoat (**Must** use F3275 in color)
- FBCH High Solids Basecoat
- FDG Single-Stage Polyurethane
- FDGH High Solids Single-Stage Polyurethane
- FDGU 2.8 VOC Single-Stage Polyurethane
- FDXH Chemical Resistant Single-Stage Topcoat



F3911

Application Data

Selection of Substrate Cleaner: ONECHOICE® Commercial CFX Cleaners:	<table border="1"> <thead> <tr> <th>Code</th> <th>Product</th> <th>Purpose</th> </tr> </thead> <tbody> <tr> <td>CFX435LV</td> <td>Low VOC Cleaner</td> <td>Compliant cleaner suitable for removing dirt, grease or other contaminants before or during the painting process.</td> </tr> <tr> <td>CFX436</td> <td>Wax & Grease Remover</td> <td>Suitable for removing dirt, grease or other contaminants before or during the painting process.</td> </tr> <tr> <td>CFX437</td> <td>Heavy Duty Wax & Grease Remover</td> <td>Used to remove heavy milling oils and grease from bare substrates prior to the painting process.</td> </tr> </tbody> </table>	Code	Product	Purpose	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.
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Mixing Ratio:	 <table border="1"> <tr> <td colspan="2">Activator (F347x) should be chosen based on shop conditions and required dry speed.</td> </tr> <tr> <td>F3911</td> <td>F3275 Hardener : F347x Activator</td> </tr> <tr> <td>1</td> <td>: 1 : ½</td> </tr> </table>	Activator (F347x) should be chosen based on shop conditions and required dry speed.		F3911	F3275 Hardener : F347x Activator	1	: 1 : ½						
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Pot Life @ 70°F (21°C) / 50% RH:	 <p>2 to 3 Hours <i>Heat and humidity will shorten pot life.</i></p>												
Spray Viscosity:	 <table border="1"> <thead> <tr> <th>#2 ZAHN CUP</th> <th>#3 ZAHN CUP</th> <th>4DIN</th> <th>6DIN</th> <th>8DIN</th> </tr> </thead> <tbody> <tr> <td>17 - 21 seconds</td> <td>7 - 10 seconds</td> <td>11 - 14 seconds</td> <td>N/A</td> <td>N/A</td> </tr> </tbody> </table>	#2 ZAHN CUP	#3 ZAHN CUP	4DIN	6DIN	8DIN	17 - 21 seconds	7 - 10 seconds	11 - 14 seconds	N/A	N/A		
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Number of Coats:	 <p>2 coats (minimum 15 minutes flash between coats)</p>												
Dry Times:	<p>Shop conditions and choice of activator will affect dry times.</p> <p>Dust-Free: 70°F (21°C) 60 – 90 minutes</p> <p>Tape Time: 70°F (21°C) 3 – 4 hours 140°F (60°C) 60 – 100 minutes*</p> <p><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></p> <p>Overcoat/Recoat: 70°F (21°C) 1 hour minimum 48 hours maximum Maximum time is required before sanding. Scuff sand very thoroughly to a dull appearance after maximum time. (Heat and humidity will shorten Overcoat/Recoat window)</p> <p><i>A full cure of 7 days is required in order to provide desired chemical and fluid resistance performance.</i></p>												

F3911

Application Data (continued)

Film Build:		Wet (per coat)	Dry (total)
	Minimum	3.0 mils	1.3 mils
Maximum	6.0 mils	2.6 mils	
Theoretical Coverage:	695 sq. ft.		
	Theoretical coverage in sq. ft./U.S. gallon ready-to-spray (RTS), giving 1mil. (25µm) dry film thickness (assuming 100% transfer efficiency).		
Physical Characteristics:	VOC (Packaged): F3911	4.19 lbs./gal. or 502 (g/L)	
	F3275	2.05 lbs./gal. or 246 (g/L)	
	F3475	8.03 lbs./gal. or 962 (g/L) (less exempts)	
	F3476	8.10 lbs./gal. or 971 (g/L) (less exempts)	
	F3477	8.12 lbs./gal. or 973 (g/L) (less exempts)	
	VOC (Ready-To-Spray):	3.35 lbs./gal. or 402 (g/L) (less exempts)	
	Total Solids By Weight (RTS):	48.3%	
	Total Solids By Volume (RTS):	43.1%	

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.

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