

DELTA® Etch Filler

DX1787

DELTA® DX1787 Etch Filler is a 2K, acid-containing primer that provides minor fill when applying over properly prepared steel, galvanized steel, aluminum or fiberglass substrates. DX1787 Etch Filler exhibits very good adhesion and improves corrosion resistance when used under fleet primer surfacers and sealers.

Features	Advantages	Benefits
<ul style="list-style-type: none"> Long Pot Life User Friendly Fast Dry 	<ul style="list-style-type: none"> Minimal Waste Easy Blend Ratio. No Induction Period Quicker Time To Topcoat 	<ul style="list-style-type: none"> Lower Material Costs Increased Productivity Increased Throughput

Compatible Surfaces

Delta DX1787 may be applied over:	<ul style="list-style-type: none"> Properly prepared steel and aluminum Properly prepared galvanized metal* Properly prepared fiberglass 	<ul style="list-style-type: none"> Properly prepared stainless steel* Properly prepared galvaneal* Properly prepared O.E. enamel finishes
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






*Sand these substrates prior to the application of primer using 180-240 grit wet or dry.

Catalysts

Catalyst for DX1787	DX1788
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**Selection Of Substrate Cleaner:****OneChoice® Commercial CFX Cleaners**

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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Preparation:		• Wash the area to be painted with soap and water, and then clean with CFX436 or CFX437 wax and grease remover. CFX435LV Low VOC Cleaner should be used in VOC restricted areas.			
		• Aluminum and steel substrates do not need to be sanded.			
		• Sand harder metal substrates, such as stainless steel or galvanized steel with 180 - 240 grit wet or dry. Re-clean with CFX435LV, CFX436, or CFX437.			
		• Prime aluminum, stainless and carbon steel immediately after cleaning.			
Mixing Ratio:		DX1787 1 part	:	DX1788 1 part	
Pot Life:		7 days @ 70°F (21°C) and 50% RH (High heat and humidity will shorten pot life)			
Additives:		No Recommendation			
Spray Gun Set-up:		Fluid Tip 1.6 - 1.8 mm for Pressure Feed/HVLP 1.6 - 1.8 mm for Conventional Feed/HVLP Air Pressure HVLP at air cap 10 PSI Conventional at spray gun 35-40 PSI			
Consult the Fleet Training Manual Spray Equipment section for gun set-up requirements.					
Minimum Number of Coats:		2-3 coats or until hiding is achieved			
Total Film Build Per Coat:		Minimum	<u>Wet</u> 4 mils	<u>Dry</u> 0.5 mils	
		Maximum	6 mils	1.0 mils	
Flash Time at 70°F 21°C:		Between coats	3 minutes		
Drying Times:					
		30 minutes Air Dry @ 70°F 21°C 20 minutes Force Dry @ 140°F (42°C) After 2 weeks , sand DX1787 with 400 grit (wet or dry) and re-apply 1 coat of DX1787 before proceeding to the next undercoat or topcoat.			

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Test Properties:		
	Color	Yellow-Green
	VOC DX1787 Packaged	5.9 lbs. per U.S. gal
	VOC DX1788 Packaged	6.8 lbs. per U.S. gal
	VOC RTS Applied	6.4 lbs. per U.S. gal.
	Volume Solids (RTS)	8.04%
	Square Foot Coverage (RTS US Gal 100% Transfer Efficiency)	120 sq. ft. @ 1 mil
Compatible Topcoats:		
	DPHS52 Low VOC Primer	<i>Delta</i> (DUHS) High Solids Polyurethane
	DPU174 High Solids Polyurethane Primer	<i>Delta</i> (DVHS) Fast Dry 2.8 VOC Polyurethane
	DPU217 <i>Delta</i> 2.1 VOC Polyurethane Primer	<i>Delta</i> (DGHS) Chemical Resistant 3.5 VOC*
	<i>Delta</i> (DSS) Medium Solids Polyurethane*	<i>Delta</i> (DGHS) Chemical Resistant 4.4 VOC*
	<i>Delta</i> (DFHS) Fast Dry High Solids Polyurethane*	<i>Delta</i> (DHS) 2.8 VOC Polyurethane*
* For optimum properties, DX1787 must be sealed with one of the listed primers before topcoating.		
Health and Safety		
Please refer to Material Safety Data Sheet (MSDS) for full health safety details and storage regulations.		
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