



Delta Sealer

Technical Data Sheet (TDS)

Product Description

Delta Sealer is a two-component primer sealer providing a smooth automotive finish ready for topcoat application.

Product features:

- Self-leveling
- 3 day topcoat window
- Excellent for an automotive finish
- Can be topcoated in 60 minutes
- VOC Compliant

Recommended Uses

Delta Sealer is intended for industrial applications; either new build or maintenance. Delta Sealer is suitable for application on properly sanded or sandblasted steel, and properly prepared aluminum, fiberglass, reinforced plastics, existing finishes and polyester fillers. This primer must be topcoated to achieve the best results.

Industries:

- Oilfield & Energy Services
 - Well Service vehicles
- Cranes and Construction Equipment
- Automotive
- Trailers & Rolling Stock
- Waste and Recycling Industry
 - Garbage Truck

Mix Ratio

4 part by volume of component A **[FUA0211]**
1 part by volume of component B **[FUB0211]**

The recommended temperature when mixed is 68-77°F (20-25°C).

Product Characteristics

Finish:	Lo Gloss
Volume Solids Mixed: (Unreduced) FUA0211: FUB0211 (4:1)	46% ± 2%
Pot Life: (77°F (25°C) and 50% RH)	8 Hours
VOC Mixed (Unreduced): EPA Method 24 FUA0211: FUB0211 (4:1)	333 g/l 2.785 lb /gal
Shelf Life:	
Component A	3 years
Component B	2 years
For unopened product (77°F (25°C))	

Surface Preparation

Surface must be free of all contaminants such as dust, oil, grease and salt. It is recommended that all steel and other ferrous surfaces be cleaned to a minimum of SSPC-SP6 or mechanically sanded with 180 grit sandpaper.

For all other substrates refer to the Endura recommended surface preparation instruction sheets or contact your Endura Representative.

Application Method

Delta Sealer can be applied using most spray systems, although electrostatic sprayers are not recommended.

Apply a single coat. If a second coat is required allow sufficient flash time between coats (20-30 minutes).



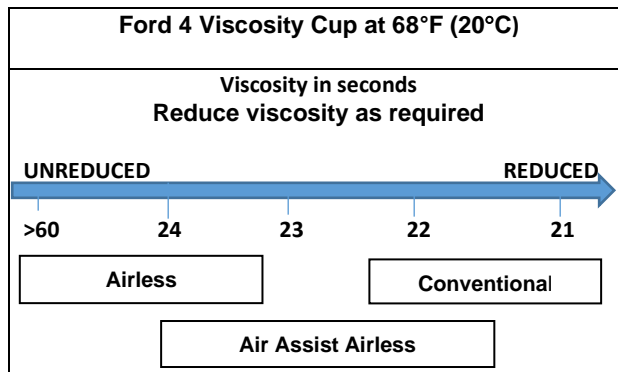
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Spray Gun Setup

Feed Type	Fluid Tip	Application Pressures (heel of gun)	Fluid Delivery
Siphon Feed	1.4-2.0 mm	40-50 psi	
Gravity Feed	1.4-2.0 mm	30-40 psi	
Pressure Feed	1.0-1.8 mm	50-60 psi	10-14 oz/min
Air Assist Airless	9-13 Thou	1,000-1,800 psi	
Airless	9-13 Thou	1,700-3,000 psi	

Spraying Viscosity



Note: Spraying viscosity and thinning will depend on ambient conditions, spray equipment used, and the desired surface finish. Thinning is not typically required.

If required, recommended spraying viscosity is achieved by reducing with one of the following Endura Low VOC Topcoat Reducers. These will maintain VOC compliance of Delta Sealer Low VOC Primer.

VOC content of the following Reducers: (0g/l, 0lbs/gal)

Low VOC Topcoat Reducer-Regular [FTH0021]
Low VOC Topcoat Reducer-Slow [FTH0023]

Film Build

Delta Sealer has a recommended film build thickness of:

Wet: WFT Unreduced	2.0 – 4.5 mils	50 – 114 microns
Dry: DFT	1.0 – 2.0 mils	25 – 50 microns

The recommended dry film thickness is above the blast/ sanding profile.

Theoretical coverage at 1.0 mil (25 microns)
DFT: 732 ft² per gallon at 100% transfer efficiency.

Dry Times

	68°F (20°C)	86°F (30°C)	104°F (40°C)
Topcoat	60 Minutes		
Full Cure	7-9 Days		

Note: Dry Times are subject to ambient conditions (temperature and humidity), good airflow and film build of primer.

For best results, surface temperature must be 86°F (30°C) or less before topcoating.
Maximum re-coat window without sanding is 72 hours at 68°F (20°C)
Recommended Sanding 220 - 320 grit after the topcoat window has been exceeded.

For questions about scheduling please contact your Endura Representative.

Topcoating Information

Delta Sealer can be topcoated with the entire range of Endura topcoat products.



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Clean Up

Clean all equipment immediately after use with Endura High Strength Gun Wash, Endura epoxy reducer or Endura EX-2C thinner.

Follow manufacturer's safety recommendations when using any solvent.

Ordering Information (sizing)

Available in Quarts, Gallons and Pails
Other custom sizes may be available.

2 Mixed Quarts		
Comp A – Grey 2X	FUA0211-020	1 Qt.
Comp B	FUB0211-010	1 Pt.

5 Mixed Quarts		
Comp A - Grey	FUA0211-030	1 Gal.
Comp B	FUB0211-020	1 Qt.

5 Mixed Gallons		
Comp A - Grey	FUA0211-054	4 Gals.
Comp B	FUB0211-030	1 Gal.

Environmental Conditions

For optimum coating performance product, substrate and ambient temperature should be between 68°F-77°F (20°C-25°C). To prevent condensation during application the surface temperature must be 5°F (5°F) or more above the dew point at all times.

For use outside this range please contact your Endura Representative.

Specifications

Solvent Resistance	ASTM D4752	100 MEK Rubs; NO Failure
Impact resistance	ASTM D2794	100 in. lbs; NO Failure
Flexibility	ASTM D522	1/4 in. mandrel bend: NO failure
Service Temp Range	-40°F to 360°F	-40°C to 182°C

Safety Precautions

Please refer to all Safety Data Sheets (SDS) before using this product. SDS sheets can be found on our website at www.endurapaint.com.