



### Technical Data Sheet (TDS)

#### Product Description

**Endura 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

Endura 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.

#### 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:** low gloss

**Volume Solids Mixed:** 46% +/- 1%

**Pot Life:** 8 Hours at 77°F (25°C) and 50% RH

**VOC Mixed (Unreduced):** (EPA Method 24):  
Grey: 333 g/l (2.785 lb/gal)

**Shelf Life:**

Component A: 3 years at 77°F (25°C)

Component B: 2 years at 77°F (25°C)

**Note:** For unopened product

#### Surface Prep

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 sand paper.

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 (20-30mins)

#### 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	12-16 oz/min
Air Assist Airless	9-13 Thou	1,000-1,800 psi	
Airless	9-13 Thou	1,700-3,000 psi	



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#### Spraying Viscosity

Using a Ford 4 Cup (White)

15 Seconds	Reduce as necessary*
Conventional	Airless

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

To maintain VOC compliance, Delta Sealer may be thinned with Endura Low VOC Topcoat Reducers. VOC content of the following Reducers: (0g/l, 0lbs/gal)

Low VOC Topcoat Reducer-Regular [FTH0021] - Max 10%  
Low VOC Topcoat Reducer-Slow [FTH0023] - Max 10%

#### Film Build

Endura Delta sealer has a recommended film build thickness of:

**Wet (unreduced): 2.0 – 4.5 mils wet  
(50 – 114 microns)**

**Dry: 1.0 – 2.0 mils DFT (25 – 50 microns)**

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

Theoretical coverage at 1.0 mil (25 microns)  
DFT: 732 ft<sup>2</sup> per gallon at 100% transfer efficiency.

#### Dry Times

	68°F (20°C)	86°F (30°C)	104°F (40°C)
<b>Topcoat</b>	60 Minutes		
<b>Full Cure</b>	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 improved scheduling please contact your Endura Representative

#### Topcoating Information

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

#### 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.



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#### Ordering Information (sizing)

Available in Quarts, Gallons and Pails

Other custom sizes may be available.

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

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

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

#### 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.

**Note: For use outside this range please contact your Endura Representative.**

#### Specifications

Impact resistance	ASTM D2794	80 in. lbs; NO failure
Flexibility	ASTM D522	1/8 mandrel bend: NO failure
Service Temp Limits	-40°C to +182°C	-40°F to 360°F

#### Safety Precautions

Please refer to all Safety Data Sheets (SDS) before using this product. SDS sheets can be found on our website at [www.endura.ca](http://www.endura.ca).