Endura Manufacturing Co. Ltd
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Phone: +1-780-451-4242/ 1-800-661-9930
www.endurapaint.com

EP-2C Sealer CF

Technical Data Sheet (TDS)

Product Description

EP-2C Sealer CF is a two-component, epoxy urethane primer sealer designed for use on a variety of substrates. It provides an excellent blend of adhesion, hardness, and corrosion resistance.

Product features:

- Enhanced rust inhibiting properties
- High temperature service
- No induction time required
- Excellent adhesion to a wide variety of substrates
- Inter-coat adhesion greater than 2000 psi
- Suitable for sealing HS-421 Primer

Recommended Uses

Endura EP-2C Sealer CF is intended for industrial applications; either new build or maintenance. EP-2C Sealer CF is suitable for application on properly sanded or sandblasted steel, 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
- Trailers & Rolling Stock
- Waste and Recycling Industry
  - Garbage Trucks

Mix Ratio

1 part by volume of component A **[FUA0675]**
1 part by volume of component B **[FUB0651]**

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

Product Characteristics

Finish:	Lo Gloss
Volume Solids Mixed: (Unreduced) **FUA0675: FUB0651 (1:1)**	35% ± 1%
Pot Life: (77°F (25°C) and 50% RH)	8 Hours
VOC Mixed (Unreduced): EPA Method 24 **FUA0675: FUB0651 (1:1)**	572 g/l 4.77 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

EP-2C Sealer CF can be applied using most spray painting systems.

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

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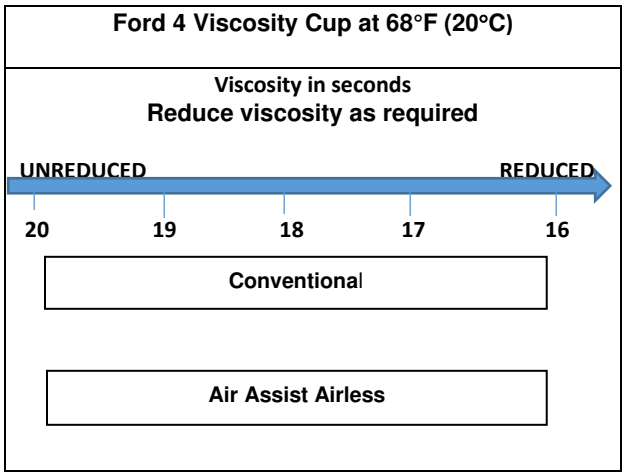
Spray Gun Setup

Feed Type	Fluid Tip	Application Pressures (heel of gun)	Fluid Delivery
Siphon Feed	1.6-1.8 mm	40-50 psi	
Gravity Feed	1.6-1.8 mm	30-40 psi	
Pressure Feed	1.4-1.8 mm	50-60 psi	10-14 oz/min
Air Assist Airless	9-11 Thou	1,000-1,800 psi	
Airless	N/A		

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.

Film Build

EP-2C Sealer CF has a recommended film build thickness of:

Wet: WFT Unreduced	**3.0 – 4.0 mils**	**76 – 102** microns
Dry: DFT	**1.0 – 1.5 mils**	**25 – 38** microns

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

Theoretical coverage at 1.0 mil (25 microns)
DFT: 560 ft² per gallon at 100% transfer efficiency.

Loss of topcoat adhesion may result if recommended film build parameters are not followed.

Dry Times

	68°F (20°C)	86°F (30°C)	104°F (40°C)
Top Coat	1 Hours	30 Minutes	15 Minutes
Full Cure	7-9 Days	5-6 Days	3-4 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 24hrs 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

EP-2C Sealer CF 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 Pint, Quart, Gallon and Pails.
Other custom sizes may be available.

1 Mixed Quart		
Comp A - Green	**FUA0675-010**	**1 Pt.**
Comp B	**FUB0651-010**	**1 Pt.**

2 Mixed Quarts		
Comp A - Green	**FUA0675-020**	**1 Qt.**
Comp B	**FUB0651-020**	**1 Qt.**

2 Mixed Gallons		
Comp A - Green	**FUA0675-030**	**1 Gal.**
Comp B	**FUB0651-030**	**1 Gal.**

10 Mixed Gallons		
Comp A - Green	**FUA0675-050**	**5 Gals.**
Comp B	**FUB0651-050**	**5 Gals.**

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 (3°C) 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	30 in. lbs; NO Failure
Flexibility	ASTM D522	1/4 in. mandrel bend: NO failure
Service Temp Range	-40°F to 400°F	-40°C to 204°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.