



EasyClean Colour Coat

Endura EasyClean Low VOC is designed for maximum surface protection. Its outstanding resistance to chemicals, excellent colour retention, and the non-stick, highly abrasion-resistant surface make it an ideal choice for use in industrial applications.

Product Features

- ◆ High gloss and color retention
- ◆ Outstanding resistance to chemicals, abrasions, and impact
- ◆ A library of over 40,000 colors
- ◆ Color matching services available
- ◆ Available in high gloss
- ◆ VOC Compliant

Theoretical Solids Content:

Volume: 46%

Shelf Life*

Component A: (3) years
Component B: (1) year

*For unopened product.

Pot Life of Mixed Product:

8-10 Hours* @ 77°F (25°C) and 50% RH

*Less when Endura Super Catalyst II is used.



Suitability

Endura EasyClean Low VOC is a modified aliphatic-polyurethane coating with enhanced abrasion resistance. It provides outstanding resistance to chemicals, excellent color retention, and a non-stick surface.

Note: This coating is recoatable, with special instructions provided by Endura manufacturing. Please contact your representative if re coating of the product is required.

Endura EasyClean Low VOC is formulated to exceed the Canadian Automotive refinishing guidelines for VOC levels in colour coats.



Surface Preparation

Endura EasyClean Low VOC can be applied to all metals, most plastics and surfaces properly prepared and primed with the appropriate Endura Low VOC Primer. Endura EasyClean Low VOC may be applied directly over old Endura EX-2C Topcoats or Endura Clarity Clear after thorough cleaning and sanding with 240 - 280 grit sandpaper.



Mixing Ratio

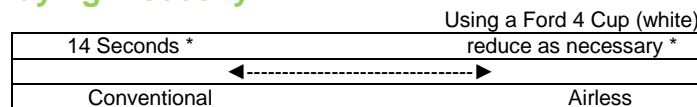
1 part by volume of component A [part# varies by colour]
1 part by volume of component B [FUB0112]
The recommended temperature when mixed is 20-25°C (68-77°F).

Environmental Conditions

For optimum coating performance product, substrate and ambient temperature should be between 20°C-25°C* (68°F-77°F). To prevent condensation during application the surface temperature must be 3°C (5°F) or more above the dew point at all times.
*for use outside this range please contact your Endura representative.



Spraying Viscosity*



* Spraying viscosity and thinning will depend on ambient conditions, spray equipment used, and on the desired surface finish.

If required, recommended spraying viscosity is achieved by reducing with Endura Low VOC topcoat reducers:

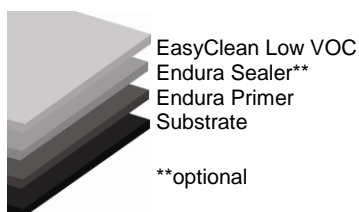
Max 10% with – Low VOC Topcoat Reducer- Regular [FTH0021]

Max 10% with – Low VOC Topcoat Reducer- Slow [FTH0023]



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	1.3-1.4 mm	30-40 psi	
Pressure Feed	1.0-1.8 mm	55-65 psi	10-14 oz/min
Air Assist Airless	9-13 Thou	1,000-1,800 psi	
Airless	11-13 Thou	1,700-3,000 psi	





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Application Method

Solid Colors: Apply two medium wet coats with each coat at a wet film thickness of 2.0 - 2.5 mils (50 - 60 microns). Keep flash-off time between coats to a minimum of 15 - 30 minutes.

Metallic Colors: Apply two medium wet coats of 1.5 - 2.0 mils (37 - 50 microns). Allow 15 - 30 minutes between coats. Apply a third "mist" coat to achieve a uniform metallic finish. Note: The flash off time between coats is a minimum 15-30 minutes between coats. Endura EasyClean Low VOC Coating can be applied using most spray painting systems.

Note: For Multi-color applications please consult your Endura representative.



Recommended Film Build Thickness and Cover Rate

Endura Easy Clean Low VOC has a recommended film build thickness of:
Wet (unreduced): 3.0 – 5.5 mils wet (75 – 137.5 microns)
Dry: 1.5 - 2.5 mils (38 - 60 microns)

Theoretical coverage at 1.0 mil (25 microns) DFT: 736 ft² per gallon @ 100% transfer efficiency.

Drying Time*

* Please note that the use of Super Catalyst II with Endura topcoats will accelerate drying times.

	20°C (68°F)	30°C (86°F)	40°C (104°F)
Dust Free	2 Hours	1 Hour	30 Minutes
Full Cure	7-14 Days		

* Subject to ambient conditions (temperature and humidity) film build and good airflow. For improved scheduling please contact your Endura representative.

Specifications

Hardness	ASTM D3363	2H
Solvent resistance	ASTM D4752	100 MEK rubs; NO failure
Abrasion resistance (1000 cycles CS-17)	ASTM D4060	32 mg loss
Impact resistance	ASTM D2794	40 in. lbs; NO failure
service temperature range**	-40° C to +182° C	-40°F to 360°F
Flexibility	ASTM D522	1/8" mandrel bend; NO failure
VOC	< 420 grams/liter (3.5 lbs/gallon)	



Clean Up

Endura high strength gun wash, Endura epoxy reducer or Endura EX-2C thinner.

