

# Release

Endura Release Anti-Graffiti Coating provides a long term solution to the graffiti problem. Endura Release Anti-Graffiti is a non-sacrificial coating designed to easily clean up graffiti from surfaces including metal and plastic. It is ideally suited for public areas, street signs, building facades, and transit shelters.

### 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

### 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

Release Anti-Graffiti Coating 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.



### Surface Preparation

Release Anti-Graffiti Coating can be applied to all metals, most plastics and surfaces properly prepared and primed with the appropriate Endura Primer. Release Anti-Graffiti Coating may be applied directly over old EX-2C Topcoat or EX-2C Clear 100 after thorough cleaning and sanding with 240 - 280 grit sandpaper.



### Mixing Ratio

1 part by volume of component A [part# varies by color]  
1 part by volume of component B [FUB0100] or [FUB0112] (low VOC)

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

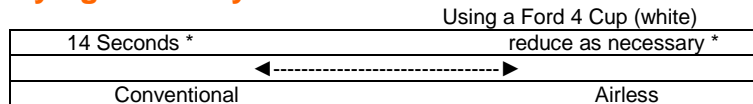
### Environmental Conditions

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 HAPS free/low VOC thinner.



### 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	1.0-1.4 mm	50-60 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	



\*\*optional

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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. Release Anti-Graffiti Coating can be applied using most spray painting systems. For electrostatic spray equipment Endura EX-2C Electrostatic B component is recommended with Release Anti-Graffiti Coating for best performance.

**Note:** For multi-color applications please consult you Endura representative

### Recommended Film Build Thickness and Cover Rate

Release Anti-Graffiti Coating 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 dry (37.5 – 62.5 microns)**

Theoretical coverage at 1.0 mil (25 microns) DFT: 736 ft<sup>2</sup> 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	5-6 Days	3-4 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
Flexibility	ASTM D522	1/8" mandrel bend; NO failure
VOC	For VOC amounts please refer to the product MSDS	

### Clean Up

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