

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 **NOT** recoatable even after sanding. Complete removal is required. Additional coverings will not adhere to Release Anti-Graffiti Coating.



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

1 part by volume of component B

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

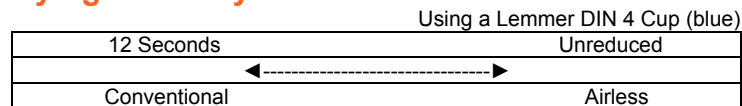
Environmental Conditions

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



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	1.0-1.8 mm	50-60 psi	10-14 oz/min
Air Assist Airless	9-17 Thou	1,000-1,800 psi	
Airless	11-13 Thou	1,700-3,000 psi	



Release Anti-Graffiti
Endura Sealer**
Endura Primer
Substrate

**optional

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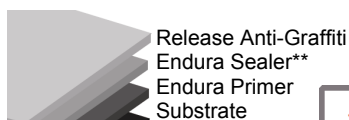
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**optional

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 1.5 - 2.5 mils (38 - 60 microns) dry.

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	30 Minutes	20 Minutes	10 Minutes
Full Cure	7-14 Days	5-6 Days	3-4 Days

* Subject to ambient conditions (temperature and humidity) 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.