

Technical Data Sheet (TDS)

Product Description

Endura RollCoat is a durable, high performance polyurethane coating for protecting all surfaces. Semi-Gloss, excellent color retention and outstanding resistance to chemicals, abrasion, and impact, provides maximum protection.

Product features:

- Roller coatable coating
- Sag resistance (14-16 mils)
- Color retention
- Outstanding resistance to chemicals, abrasion & impact
- Color matching service available (*minimum quantities required*)

Recommended Uses

Endura RollCoat is high performance coating for protecting all surfaces. It provides maximum protection in all environments.

Mix Ratio

3 parts by volume of component A [*varies by color*]
1 part by volume of component B [FUB0010]

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

Product Characteristics

Finish: gloss

Volume Solids: 65%

Pot Life: 8-10 Hours* @ 77°F (25°C) and 50% RH

VOC (EPA Method 24): For VOC amounts please refer to the product SDS

Shelf Life**:

Component A: 3 years

Component B: 2 years

*Less when Endura Super Catalyst II is used

**For unopened product.

Surface Prep

Can be directly applied to all surfaces that have been: degreased, sanded with 240-280 grit sandpaper, and prepared with appropriate Endura products.

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.

Application Method

May be applied in a one or two coat application. On high solids primers and other absorbent solvent substrates, use greater care in achieving the required film build thickness. Allow extra time between coats. Clear coat can be used for superior gloss retention and UV stability. Endura RollCoat can be applied using most roller painting systems.

Film Build

Endura Rollcoat has a recommended film build thickness of 7-12 mils (180- 300 microns) wet and 3-5 mils (76-130 microns) dry.

Theoretical coverage at 1.0 mil (25 microns) DFT: 1040 ft² per gallon @ 100% transfer efficiency.

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Dry Times*

	@ 20°C (68°F)	@ 30°C (86°F)	@ 40°C (104°F)
Dust Free	Subject to mil thickness and substrate temperature		
Full Cure	7-9 Days		

*Subject to ambient conditions (temperature and humidity) and good airflow.

For improved scheduling please contact your Endura Representative.

Clean Up

Clean up spills, and equipment 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 Pail kits. Other custom sizes may be available.

Pail Kit	Comp A	CLR*****-030 (1x 3 gallon filled pail) [part #'s will vary depending on color]
	Comp B	FUB0010-030 (1 Gallon)

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

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.