



# ENDURO<sup>®</sup> PRO SERIES POLYURETHANE CLEAR

BY GENERAL FINISHES

2023-07-07

## TECHNICAL DATA SHEET (TDS)

### PRODUCT CODES

Flat	B824
Satin	B823
Semi-Gloss	B825

**COMPLIES WITH THE FOLLOWING AIR QUALITY REGULATIONS:**  
SCAQMD, CARB, Canada, OTC Phase I & Phase II

**MEETS KCMA AND AWI SYSTEM 2 STANDARDS**

### DESCRIPTION

Interior only, Tintable,  
Water-based Self-crosslinking  
Polyurethane/Acrylic  
Dispersion

### FEATURES

- Fast dry
- Great build
- 2 coat system for certain applications
- Excellent film clarity
- Excellent flow & leveling properties

### RECOMMENDED USES

Interior cabinets, trim, doors  
and furniture. Use over raw,  
stained or primed wood  
substrates.

### PROPERTIES

<b>Sheens Available:</b>	Flat (10), Satin (30), Semi-Gloss (55)
<b>Tintable:</b>	Yes
<b>Volume Solids:</b>	30% - 32%, dependent on sheen
<b>Weight Solids:</b>	30% - 32%, dependent on sheen
<b>Recommended Film Thickness</b>	Wet: 3-5 mils
<b>Average Coverage:</b>	450 sq.ft. (41.81 m <sup>2</sup> ) per Gallon. Will vary due to mil thickness, applicator & technique.
<b>Viscosity:</b>	Medium (600-800 cPs)
<b>Application:</b>	Spray only
<b>HVLP:</b>	1.1mm - 1.5mm
<b>Air-Assist Airless:</b>	300 - 400 PSI pump, 20 PSI assist air, .011" - .013" tip
<b>Airless:</b>	Fine Finish .007" - .011"
<b>Dry Time (touch):</b>	30 min.
<b>Dry Time (recoat):</b>	1+ hr, Based on heat & airflow.
<b>Thin with (if needed):</b>	Water, <i>Enduro Extender</i>
<b>Clean Hands with:</b>	Soap & Water
<b>Clean Equipment with:</b>	H <sub>2</sub> O/Alcohol mixture, <i>GF Brush &amp; Gun Cleaner</i>
<b>Sizes Available:</b>	Gallons, 5-gallon pails, 55-gallon drums
<b>VOC:</b>	Under 200 g/L.

### MIXING INSTRUCTIONS

1. **Mix** thoroughly to reincorporate solids; do not shake.
2. **Strain** with fine-mesh filter.



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## TECHNICAL DATA SHEET (TDS)—CONTINUED

### APPLICATION CONDITIONS

**Ideal conditions:** 70°F/21°C, 50% humidity, out of direct sunlight. Variations in conditions, equipment & application will significantly affect dry times and coverage. Increase open time, if needed, with up to 15% *Enduro Extender* if allowed by local regulations.

### SYSTEM RECOMMENDATIONS

Self-sealing or use 1-2 coats of *Enduro Sanding Sealer* for improved build. 3-4 total coats of finish are recommended.

### PRIMING

Designed to adhere to raw & stained wood, *Enduro White Undercoat* & *GF Stain Blocker*. When tinted & applied over an existing sealed surface, ALWAYS PRIME with *Enduro White Undercoat* or *GF Stain Blocker*.

### TINTING

We recommend tinting with ColourFal Zero VOC colorants. Other colorant systems should be zero VOC and tested thoroughly.

### DISPOSAL

Dispose of any leftover coatings in accordance with local fire and EPA laws. Do not pour down the drain.

### SURFACE PREPARATION

Ensure the surface is clean of contaminants and dust.

- **RAW WOOD:** Sand no finer than 220-grit.
- **PRE-FINISHED WOOD & SEALED SURFACES:** Clean with non-woven synthetic abrasive pad and 50/50 mix of denatured alcohol and water. Let dry. Sand lightly with 220-320-grit sanding sponge. Remove dust. *Follow priming instructions for tinted application.*
- **OTHER SUBSTRATES, I.E. INTERIOR MDF, HDF & MASONITE:** Can be used with proper preparation & priming. Always test first.

### SANDING BETWEEN COATS

Sand with a fine (220-320-grit) foam sanding pad or gray non-woven abrasive pad.

### FORCE DRY

Allow product to flash for 10 minutes at ambient temperature.

**INFRARED LAMP / OVEN:** Heat surface to 105°F/41°C. Allow to cool before sanding. Allow a minimum of 30 minutes between coats.

### STORAGE & SHELF LIFE

Store in a cool dry place (50°F/10°C - 100°F/38°C), out of direct sunlight, tightly sealed. Keep from freezing. Finish preservers such as Bloxygen can prolong storage life. Best if used within one year of date on can. The life of the product can be extended with proper can closure and storage conditions.

**NOTE:** Product may increase in viscosity over time due to colorant manufacturer and dosage.

Complete instructions & videos at [www.gf.support/proseries-clear](http://www.gf.support/proseries-clear). See Safety Data Sheet ("SDS") for more information on product hazards and precautions, [www.generalfinishes.com/safety](http://www.generalfinishes.com/safety).

**LIMITED WARRANTY:** General Finishes products must be tested to your complete satisfaction before using. GF will not be responsible for color satisfaction, misapplication, nor compatibility with other manufacturers' products. GF will be responsible only for the cost of our products, and not for costs such as labor, damage or project replacement.

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[www.generalfinishes.com/proseriesclear](http://www.generalfinishes.com/proseriesclear) • [www.generalfinishes.com](http://www.generalfinishes.com)

