



# ENDURO<sup>®</sup> TINTABLE 2K CLEAR POLY

BY GENERAL FINISHES

2023-04-05

## TECHNICAL DATA SHEET (TDS)

### PRODUCT CODES

Flat	B789
Satin	B788
Semi-Gloss	B787
Gloss	B786
Enduro NCO Catalyst	A152

### DESCRIPTION

2-Component, Tintable  
Water-based Urethane

### FEATURES

- Fast dry
- Fast build
- High chemical & water resistance
- Excellent adhesion on multiple substrates
- Achieves high gloss standards

### RECOMMENDED USES

Interior/exterior application: cabinets, trim, doors, furniture, table tops & bar tops. Use over raw & stained wood, fiberglass & pre-primed steel. Prime & test over painted surfaces.

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

### PROPERTIES

<b>Sheens Available:</b>	Flat (10), Satin (30), Semi-Gloss (55), Gloss (85+)
<b>Tintable:</b>	Yes
<b>Volume Solids:</b>	26% - 30%, dependent on sheen
<b>Weight Solids:</b>	28% - 33%, 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>	Thick (1000-1500 cPs)
<b>Application:</b>	Spray only
<b>HVLP:</b>	1.1mm - 1.3mm
<b>Air-Assist Airless:</b>	375 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>	30 min. - 2 hrs., based on heat & airflow.
<b>Cure Time:</b>	5 days @ 70°F/21°C, 50% humidity
<b>Thin with:</b>	Water, <i>Enduro Extender</i>
<b>Clean Hands with:</b>	Soap & Water
<b>Clean Equipment with:</b>	<i>GF Brush &amp; Gun Cleaner</i>
<b>Sizes Available:</b>	Gallons, 5-gallon Pails
<b>VOC:</b>	Under 250 g/L.

### MIXING INSTRUCTIONS

**POT LIFE:** About 4 hours once combined before hardening.

**NOTE:** Pot life will vary by colorant dosage and manufacturer.

1. **Mix** thoroughly to reincorporate solids.
2. **SLOWLY add 10% *Enduro NCO Catalyst*** by volume (3.2 oz. per qt.; 12.8 oz. per gal.) to *Enduro Tintable 2K Clear Poly* while mixing; 2-3 minutes with a power drill.
3. **Let rest** 15 minutes.
4. **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. after mixing with *Enduro NCO Catalyst*.

### SYSTEM RECOMMENDATIONS

Can be used without a sealer. 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. When tinted & applied over a sealed surface, prime interior projects with *Enduro White Undercoat* or *GF Stain Blocker*. Prime exterior projects with *Enduro White Undercoat*.

### TINTING

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

### DISPOSAL

Dispose of any leftover coatings in accordance with local 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 50/50 mix of denatured alcohol and water with maroon non-woven abrasive pad. *Follow priming instructions.*
- **OTHER SUBSTRATES, I.E. FIBERGLASS & PRE-PRIMED STEEL:** 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.

### BUFFING

Can be done after the finish has cured using wet/dry automotive sandpaper. Use *GF Satin Finishing Wax* as lubricant. Do NOT use water.

### STORAGE & SHELF LIFE

Store in a cool dry place (50°F/10°C - 80°F/26°C), out of direct sunlight, tightly sealed. Keep from freezing. Best if used within one year of date on can. Unopened and properly stored finish can conservatively last up to 5 years.

Complete instructions & videos at [www.gf.support/2k-clear-poly](http://www.gf.support/2k-clear-poly). 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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