



ENDURO[®] DEEP BASE UNDERCOAT

BY GENERAL FINISHES

2024-10-28

TECHNICAL DATA SHEET (TDS)

PRODUCT CODES

Gallon B847-L Gallon
5-Gal Pail B847-5 Gallon Pail P

DESCRIPTION

Interior and Exterior, Tintable
Water-based Polyurethane/
Acrylic Physical Primer

TINTING

Deep Base Undercoat is short-filled for easy tinting. We recommend tinting with ColourFal Zero colorants. Other colorant systems should be zero VOC and tested thoroughly.

FEATURES

- Improved adhesion over existing finishes
- High solids with rapid build
- Fast dry & easy sand
- Exceptional hide properties
- Brush, roll or spray
- PFAS free

RECOMMENDED USES

Use over interior & exterior raw wood, MDF or existing finishes on projects such as & painted cabinets, millwork, doors & furniture.

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

PASSES EDGE SOAK TESTING
MEETS OR EXCEEDS AWI SYSTEM 2 STANDARDS

PROPERTIES

| | |
|-----------------------------|---|
| Sheens Available: | N/A |
| Tintable: | Yes |
| Volume Solids: | 33% |
| Weight Solids: | 53% |
| Recommended Film Thickness: | Wet: 3-5 mils Total Dry (multiple coats): up to 2.5 mils |
| Average Coverage: | 450 sq.ft. (41.80 m ²) per Gallon. Will vary due to mil thickness, applicator & technique. |
| Viscosity: | Thick (1000-2000 cPs) |
| Application: | Brush, Roll, Spray |
| Brush: | Synthetic bristle brush |
| Roll: | Short nap or foam roller |
| HVLP: | 1.8mm-2.0mm |
| Air-Assist Airless: | 1400 PSI assist pump, 40 PSI assist air. .013" tip |
| Airless: | Fine Finish .015"-.025" |
| Dry Time (touch): | 5-10 min. |
| Dry Time (recoat): | 1 hr. based on heat & airflow. |
| Thin with (if needed): | Water, <i>Enduro Extender</i> |
| Clean Hands with: | Soap & Water |
| Clean Equipment with: | H ₂ O/Alcohol mixture, <i>GF Brush & Gun Cleaner</i> |
| Sizes Available: | Gallons, 5-gallon pails |
| VOC: | Under 50 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

Topcoat with any Enduro[®] tintable topcoat, *GF Exterior 450 Clear*, and *GF Milk Paint*. For any surface with potential tannin/color bleed, prime with *Enduro Stain Blocker* instead.

DISPOSAL

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

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.

SURFACE PREPARATION

Ensure the surface is clean of contaminants and dust. Sanding any surface too smoothly can reduce adhesion and create application issues like orange peel.

- **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 or 320 grit sanding sponge. Remove dust.
- **OTHER SUBSTRATES, I.E. INTERIOR & EXTERIOR MDF:** Always test entire finishing process first.

SANDING BETWEEN COATS

Sand with a fine (220 or 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.

Complete instructions & videos at www.gf.support/deep-base-undercoat. See Safety Data Sheet ("SDS") for more information on product hazards and precautions, 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.

