



EXTERIOR 450 WHITE TOPCOAT

2023-07-21

TECHNICAL DATA SHEET (TDS)

PRODUCT CODES

Flat	B283
Satin	B115
Semi-Gloss	B116

DESCRIPTION

Exterior only, Tintable,
Water-based Self-crosslinking
Polyurethane/Acrylic

FEATURES

- Great adhesion to multiple substrates
- Easy application
- UV & Mildewcide protection
- Tintable to custom colors

RECOMMENDED USES

Outdoor wood furniture & projects with vertical surfaces such as garage or entrance doors. Not intended for decks.

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

PROPERTIES

Sheens Available:	Flat (10), Satin (30), Semi-Gloss (55)
Tintable:	Yes
Volume Solids:	35%, dependent on sheen
Weight Solids:	46%, dependent on sheen
Recommended Film Thickness:	Wet: 3-5 mils
Average Coverage:	112.5 Sq.Ft. (10.45 m ²) per Quart 450 Sq.Ft. (41.81 m ²) per Gallon. Will vary due to mil thickness, applicator & technique.
Viscosity:	Medium (600-800 cPs)
Application:	Brush, Roll, Spray
Brush:	Synthetic bristle or foam
Roll:	Short nap or foam
Spray:	
HVLP:	1.1mm - 1.5mm
Air-Assist Airless:	600 PSI pump, 20 PSI assist air, .011" - .013" tip
Airless:	Fine Finish .007" - .011"
Dry Time (touch):	30 min.
Dry Time (recoat):	2 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:	Quarts, Gallons, 5-gallon pails
VOC:	Under 140 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

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

Use without a sealer. Use exterior-rated primer for all substrates. 2-3 coats of finish are recommended.

See priming instructions.

PRIMING

ALWAYS PRIME exterior projects with 2 coats *Enduro White Undercoat* or commercial exterior primer.

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.
- **OTHER SUBSTRATES, I.E. FIBERGLASS, EXTERIOR MDF & 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.

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.generalfinishes.com/exteriorwhitetopcoat. 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.

