



Technical Data Sheet

Enduro-Var

Product Features

Enduro-Var is an oil-modified polyurethane delivered in a water-based system. It will give the warm, amber look of an oil-based varnish with the benefits of water-based application and cleanup. Because of its unique chemistry, Enduro-Var is best used as a stand-alone product on raw wood or over GF water-based stains.

Recommended Uses

Interior cabinets, trim, doors, and furniture. Use over raw wood, stain, or non-white painted surfaces.

For white surfaces, use GF White Poly or Brushable White Enamel.

Complies w/ the following air quality regulations:

SCAQMD, CARB, Canada, OTC Phase I & Phase II

Application Conditions: Recommended 70°F and 50% humidity, out of direct sunlight. Variations in conditions and application technique can significantly affect dry times and coverage. Use GF Accelerator in cool or humid conditions. Use GF Extender in warm or dry conditions.

Surface Prep: Always 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 with no finer than 220 grit. Ensure any freshly stained surface has dried thoroughly and completely. Test for adhesion over oil-based stains. Do not use Sanding Sealer or shellac under Enduro-Var.

Pre-finished Wood: Not recommended

Other Substrates: Not recommended

Sanding Between Coats: Using fine (220-320) foam sanding pad or gray non-woven pad.

System Recommendations: Use without a sealer. 3-4 total coats of finish are recommended.

Force Dry: Allow product to flash for 10 minutes at ambient temperature. Using infrared lamps or oven, heat surface to 105°F. Allow to cool before sanding. Allow a minimum of 60 minutes between coats.

Buffing: Can be done after the finish has cured using wet/dry automotive sandpaper. Use GF Finishing Wax or mineral spirits as lubricant. Do NOT use water.

Storage & Shelf Life: Above 50°F and below 80°F, out of direct sunlight, tightly sealed. Finish preservers such as Bloxygen can help prolong storage life. Best if used within one year of date on can. Unopened and properly stored finish can conservatively last up to 5 years.

Disposal: Always dispose of any leftover coatings in accordance with local laws. Do not pour down the drain.

The information and recommendations on this sheet are based upon information gathered at the time of publication and do not act as a safety data sheet. For complete safety and product data, consult the product labels and visit www.generalfinishes.com for complete SDS sheets.

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Product Type: Water-based self-crosslinking polyurethane

Sheens Available: Flat (10), Satin (30), Semi-Gloss (55), Gloss (85+)

Tintable?: No

Volume Solids: 23%

Weight Solids: 28%

Rec. Film Thickness: Wet: 3-5 mils
Total Dry (multiple coats): 2.5-5 mils

Coverage: Up to 600 sq. ft. per gallon

Viscosity: Thin (200-300 cPs)

Application: Brush, roll, or spray

Brush: Synthetic bristle or foam

Roll: Short nap or foam

HVLP: 1.1 mm—1.3 mm

Air-Assist Airless: 600 PSI pump, 20 PSI assist air, .011" tip

Airless: Fine Finish .007" - .011"

Dry Time (touch): 30 minutes

Dry Time (recoat): 4 hours

Cure Time: 21 days @ 70°F, 50% humidity

Thin With: Water, GF Extender, GF Accelerator

Clean Hands w/: Soap & Water

Clean Equipment w/: GF Brush & Gun Cleaner

Sizes Available: Quarts, Gallons, 5-gallon Pails

VOC: Under 250 g/L