



ENDURO-VAR URETHANE



The industry leader in water based technology.

Classification:

Water Based Self-Crosslinking Urethane Finish

Product Description:

ENDURO-VAR water based urethane finish is a highly advanced self crosslinking coating. This is a highly advanced aromatic alkyd urethane similar to traditional oil based varnish. It has a warm amber tone and cures by oxidation. However Enduro-Var is water base, VOC-Compliant, low odor, non-flammable, and will clean-up with soap and water. It is self-sealing, and typically does not require thinning. Designed for furniture, cabinets and floors applications, Enduro-Var Urethane dries very quickly for sanding and re-coating. Not Suitable over white finishes due to amber hue.

Application:

Brush or roll, spray.

HVLP: Use a 0.043" - 0.051" (1.1—1.3 mm) nozzle / tip assembly & #9 Air Cap. Airless: 0.009"—0.011" tip. Allow 30 minutes -2 hours dry before sanding (temperature / humidity dependent). Sand with #220 or finer between coats. 2 - 4 coats recommended.

Product Data:

- Density: 8.8 +/- 0.2 lbs.
- Weight Solids: 20.5 - 24.5%
- Volume Solids: 18.5 - 22.5%
- Viscosity: 50 - 60 seconds
- Method: Ford #4 @ 77 F.
- pH: 7.0 - 8.0
- V.O.C.: 275 g/l (2.28 lbs/gal) excluding water
- Actual V.O.C. 75 g/l (.063 lbs./gal)
- % VOC: 7.30%
- Storage: Protect from Freezing

Container:

Pints, Quarts, gallons, Fives and Drums

Sheen:

Flat (10), Satin (30), Semi-gloss (50) and Gloss (90)

Dry Time: 70°F and 50% R.H:

- Dry: 10 - 30 minutes tack free.
- Recoat time: 2-4 hours

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Mixing and Application:

- Catalyst Ratio: None necessary.
- Pot Life: Not Applicable
- Shelf Life: 1 year, minimum
- Reducer/Thinner: EF Extender (10 –20%)

Stain & Sealer Recommendation:

Can be used over most water base and solvent base stains. For best results and superior color and adhesion, General Finishes EF Water Base Stains and GF Oil Base Stains are recommended. Allow stains to dry thoroughly before topcoating. Oil base stains should dry a minimum 48 hours before applying **Enduro-Var**.

Enduro-Var is self sealing. Do not use over other sealers or topcoats without consulting with General Finishes. It is not recommended over white stains due to the amber hue.

Surface Preparation:

Surface must be clean, dry, and free of all contaminants. Sand with 220 grit or finer between coats. Consult product label for additional information.

Application:

- Conventional Spray:
- Air Assisted Airless
- HVLP
- Brush or Roll

Cautions:

- Mix container before use
- For industrial use only
- Protect from freezing
- Read MSDS for safety information

• Clean-up Information:

For best results, clean all equipment with General Finishes Brush and Gun Cleaner. General clean-up with soap and water recommended. Rinse thoroughly with clean water.

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