



# CLEAR POLY



**The industry leader in water based technology.**

## Classification:

Water Based Polyurethane Finish

## Product Description:

Enduro CLEAR POLY is a high performing commercial grade topcoat fortified with polyurethane that delivers a very tough, durable, and abrasion resistant finish. Enduro CLEAR POLY builds exceptionally well. Designed for interior use on furniture, cabinets, & millwork, it exhibits excellent water and chemical resistance. Clear Poly dries rapidly, and produces a smooth, beautiful finish.

Enduro CLEAR POLY is VOC-Compliant, low odor, non-flammable, and will clean-up with soap and water. It is self-sealing, however General Finishes Enduro Sealer is recommended to provide optimum finish quality.

General Finishes Enduro Crosslinker may be added if additional chemical, water, & abrasion resistance is required.

## Application:

HVLP: Use a 0.043" (1.1 mm) nozzle / tip assembly & medium air cap. Air-Assisted Spray: 0.009"—0.013" tip, 300 – 600 psi fluid pressure, 10—30 psi air pressure. Allow 30 minutes -2 hours dry before sanding (temperature / humidity dependent). Sand with #220 micron (320 grit) or finer between coats. 2 - 4 coats recommended.

## Product Data:

- Density: 8.6 +/- 0.2 lbs.
- Weight Solids: 29—31%
- Volume Solids: 27—29%
- Viscosity: 40 - 50 seconds  
Method: Ford #4 @ 77 F.
- pH: 7.5 - 8.5
- V.O.C.: 257 g/l ( 2.14 lbs/gal)  
(Excl. water)
- Material V.O.C: 94 g/l (0.78 lbs/gal)
- % VOC: 9%
- Theo. Coverage: 450 sq. ft./gal @ 1MDFT
- Pass KCMA: Yes
- Storage: Protect from Freezing

## Container:

Gallons, 5-gal Pails, and 55-gal Drums

## Color Matching:

Available

## Sheen:

Flat (10), Satin (30), Semi-Gloss (50), Gloss (80)

## Dry Time 72°F and 50% R.H:

- Dry: 10 - 30 minutes
- To Sand: 30 minutes—2 hours

# The industry leader in water based technology.

## Mixing and Application:

- Catalyst Ratio: 4 oz / gal GF Crosslinker if desired
- Pot Life: 6 days with Crosslinker added.
- Shelf Life: 1 year, minimum
- Reducer/Thinner: EF Extender (5 –10%) if needed.
- Accelerator: 5—10% Enduro Accelerator for faster dry time.

## Stain & Sealer Recommendation:

Can be used over most water base and solvent base stains. For best results and superior color and adhesion, General Finishes Water Base Industrial Stains are recommended. Allow oil base stains to dry 24—36 hours before topcoating.

Enduro CLEAR POLY may be used over most solvent base and water base paints. Allow paints to dry before thoroughly before topcoating.

Enduro CLEAR POLY is designed to be self-sealing. However General Finishes Enduro Sanding Sealer or Enduro Pre-Cat Sanding Sealer should be used for optimal performance and appearance.

## Surface Preparation:

Surface must be clean, dry, and free of all contaminants. Sand with 220 micron (320 grit) or finer between coats. Consult product label for additional information.

## Application:

- Conventional Spray:
- Air Assisted Airless
- HVLP
- Airless

## Cautions:

- Mix container before use
- For industrial use only
- Protect from freezing
- Do not apply in temperatures below 60°F
- 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.

**Clear Poly  
101110**