



Enduro WATER BASE LACQUER



The industry leader in water based technology.

Classification:

Water Based Acrylic Topcoat

Product Description:

Enduro Water Base Lacquer is an economical, high performing clear finish that provides superior clarity and hardness. Designed for interior use on furniture, cabinets, & millwork, it exhibits excellent water and chemical resistance. Enduro Water Base Lacquer dries rapidly and displays excellent early block resistance. It has illustrated superior performance to solvent based lacquers, providing improved stack times, hardness, lacquer thinner resistance, and fingernail polish remover resistance.

Enduro Water Base Lacquer is VOC-compliant, low odor, non-flammable, and will clean-up with soap and water. It is self sealing, however General Finishes Enduro Sanding Sealer is recommended to provide the optimum quality finish. Enduro Crosslinker can be added for additional chemical & water resistance.

Application:

HVLP, air-assisted airless, or airless applications are recommended. HVLP: Use a 0.043" - 0.051" (1.1—1.3 mm) nozzle / tip assembly & Medium Air Cap. Air-assisted airless or Airless: 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 (extra fine finishing pad) between coats. 1—2 coats recommended.

Product Data:

- Density: 8.52 +/- 0.2 lbs.
- Weight Solids: 23.0 - 28.0%
- Volume Solids: 21.0 - 26.0%
- Viscosity: 40 - 50 seconds
- Method: Ford #4 @ 77 F.
- pH: 7.5 - 8.5
- V.O.C.: 188 g/l (1.57 lbs/gal) excluding water
- Material V.O.C: 50 g/l (0.42 lbs/gal)
- % VOC: 4.9%
- Storage: Protect from Freezing
- Pass KCMA: Yes

Container: Gals, Pails, & Drums

Sheen: Gloss (+80), Semi-Gloss (45-55), Satin 30-40) & Flat (<10)

Dry Time: @ 70°F and 50% R.H:

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

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Mixing and Application:

- Catalyst Ratio: None necessary. Up to 4%
Enduro Crosslinker may be added if desired.
- Pot Life: Not Applicable
- Shelf Life: 1 year, minimum
- Reducer/Thinner: EF Extender (5 –10%)
- Faster dry times may be achieved with the addition of 5—10% Enduro Accelerator

Stain & Sealer Recommendation:

For best results and superior adhesion, use General Finishes EF water base stain, General Finishes Industrial stain, or General Finishes Dye Stain. Oil base stains may also be used, however allow a minimum of 24 hours—72 hours dry before topcoating with Enduro Water Base Lacquer to assure that the oil base stain is thoroughly dry.

Enduro Water Base Lacquer is self sealing. However Enduro Sanding Sealer or Pre-Cat Sanding Sealer is recommended for optimum performance and appearance. Always adequately check adhesion to assure proper performance.

Surface Preparation:

Surface must be clean, dry, and free of all contaminants. Sand raw wood with 150 grit before staining & topcoating. Sand between coats with 220 micron (extra fine pad) to assure proper appearance & adhesion.

Application:

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

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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NOTICE: All of the above statements, recommendations, suggestions, and data concerning the subject material are based on laboratory results and believed to be reliable. We expressly do not represent, warrant, or guarantee the accuracy, completeness or reliability of same, or the material or the results to be obtained from the use thereof, neither do we warrant that any such use, either alone or in combination with other materials shall be free of the rightful claim of any third party by way of INFRINGEMENT or the like and (THE MANUFACTURER DISCLAIMS ALL WARRANTIES, EXPRESSED OR IMPLIED,) OF MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE.
