



# EXTERIOR 450

The industry leader in water based technology.

## Classification:

Water Based Clear Exterior Varnish

## Product Description:

Designed for exterior wood applications, EXTERIOR 450 varnish provides your wood with a tough, protective finish that will withstand the rigors of the sun, rain, and wind. Ideal for outdoor furniture, doors, and case goods, EXTERIOR 450 is fortified with UV absorbers to help minimize fading and maximize performance. Its built-in mildewcide retards mold, mildew, and fungus growth.

Exterior 450 is tough and flexible, and will resist the expansion and contraction of the wood through hot summers and cold winters that typically causes cracking and peeling. Available in a variety of sheens, it flows well and dries rapidly to a clear finish.

## Application:

Designed for spray or brush application. HVLP: Use a 0.048" - 0.51" (1.1—1.3 mm) nozzle / tip assembly & #9 Air Cap. Air-Assisted & Airless: 0.009"—0.013" 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: 8.5 +/- 0.2 lbs.
- Weight Solids: 31—33%
- Volume Solids: 28—31%
- Viscosity: 45 - 55 seconds  
Method: Ford #4 @ 77 F.
- pH: 7.5 - 8.5
- V.O.C. Material: 50 g/l (0.42 lbs/gal) supplied.
- V.O.C.: 146 g/l ( 1.22 lbs/gal) excluding water
- % VOC: 4.9%
- Storage: Protect from Freezing
- HAPS: <0.18%

## Container:

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

## Color Matching:

Available in a wide variety of fan decks & colors.

## Sheen:

Flat (<10), Satin (30), Semi-Gloss (60), Gloss (>80)

**Dry Time** 75°F and 50% R.H:

- Dry: 30 minutes—2 hours
- To Sand: 1—2 hours

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## Mixing and Application:

- Catalyst Ratio: 3 oz / gal GF Crosslinker if desired
- Pot Life: 6 Days with catalyst
- Shelf Life: 1 year, minimum
- To Slow Dry: Enduro Extender (10-20%) if needed
- To Accelerate Dry: Enduro Accelerator (10-20%) if needed

## Stain & Sealer Recommendation:

Can be used over most water base and solvent base stains. For best results and superior color and adhesion, General Finishes Exterior 450 Stains or GF Oil Base Stains are recommended. Allow stains to dry thoroughly before topcoating.

GF Exterior 450 may be used over most solvent base and water base paints. GF Milk Paint or Classic Paint is recommended. Allow paints to dry before thoroughly before topcoating.

## Surface Preparation:

Raw wood must be clean & dry before application. Sand raw wood with 150 grit paper before application. Remove dust. Sand with 220 grit or finer between coats. Consult product label for additional information.

## Application:

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

## 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.

Exterior 450-021210

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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.

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