



HIGH PERFORMANCE POLYURETHANE



The industry leader in water based technology.

Classification:

Water Based Urethane / Acrylic Finish

Product Description:

High Performance Poly is a unique Hybrid of urethane and acrylic technology. The specialized urethane modification provides superior toughness, durability, and water resistance necessary for high wear surfaces such as tables and cabinets. It is stabilized with UV absorbers to maximize its performance and afford protection to the stains, paints, and wood underneath. High Performance is a fast drying, low odor, non-flammable alternative to solvent based coatings. It is suitable for interior woodwork, case goods, furniture, and cabinets.

Application:

High Performance Poly can be applied via brush or spray. Stir contents well before application. Brush: Use a quality foam brush or paint pad applicator. Spray: Compressed air & HVLP: 0.43"- 0.051" fluid tip / medium cap; Air-Assisted Airless & Airless: 0.009"- 0.011" tip. Allow 1 -2 hours between coats before sanding (temperature / humidity dependent). Sand between coats with 220 micron or # 320 grit paper or finer. 3 - 5 coats recommended.

Product Data:

- Density: 8.5 +/- 0.2 lbs.
- Weight Solids: 21.5 - 24.5%
- Volume Solids: 19.0 - 22.0%
- Viscosity: 40 - 50 seconds
- Method: Ford #4 @ 77 F.
- pH: 7.5 - 8.5
- VOC: <275 g/l (2.25 lbs/gal) excluding water
- Material VOC: 71 g/l (0.59 lb/gal)
- % VOC: 8.8 -9.8%
- Storage: Protect from Freezing
- Coverage: Approx. 600 sq.ft./gal

Container:

Quarts, Gallons, Pails, & Drums

Sheen:

Matte, Satin, Semi-Gloss and Gloss

Dry Time: 70°F and 70% R.H:

- Dry: 1 - 2 hours
- To Sand: 1 -2 hours

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Mixing and Application:

- Catalyst Ratio: up to 4 oz/gal Enduro Crosslinker
If desired
- Pot Life: 6 days with Enduro Crosslinker added
- Shelf Life: 1 year, minimum
- Reducer/Thinner: Enduro Extender (10 –20%)
- Accelerator: Enduro Accelerator (6—12.5%)

Application:

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

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 Stains and Oil Base Stains recommended. Allow stains to dry thoroughly before topcoating.

High Performance Poly may be used over most solvent base and water base paints. Test adhesion for compatibility. Allow paints to dry before thoroughly before topcoating.

High Performance Poly is designed to be self-sealing. However General Finishes Enduro Sanding Sealer should be used for optimal performance.

Surface Preparation:

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

Cautions:

- Mix container before use
- 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.

**High Performance
Polyurthane 060810**

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.
