



# 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 conventional lacquers. It is suitable for interior woodwork, case goods, furniture, and cabinets.

## Application:

High Performance Poly can be applied by brush or spray. Stir contents well before application. Brush: Use a quality foam brush or paint pad applicator. Spray: Compressed air: 0.40" fluid tip / medium cap; HVLP: 0.051" fluid tip / medium cap ; Airless: 0.009"- 0.011" tip. Allow 1 -2 hours between coats before sanding (temperature / humidity dependent). Sand between coats with # 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: 35 - 45 seconds
- Method: Ford #4 @ 77 F.
- pH: 7.0 - 8.0
- V.O.C.: <275 g/l ( 2.25 lbs/gal)  
excluding water
- % VOC: 8.8 -9.8%
- Storage: Protect from Freezing
- Coverage: Approx. 600 sq.ft./gal

## Container:

Ones, Fives and Drums

## Sheen:

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: None
- 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 top-coating.

High Performance Poly may be used over solvent base and water base paints. Allow paints to dry before thoroughly before topcoating.

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

## 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

## 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 Polyurethane 101007**

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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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