



Technical Data Sheet

Conversion Varnish

Product Features

Conversion Varnish is a post-catalyzed finish made for professionals working on the most demanding, high-use commercial and residential applications. Suitable for interior and exterior projects, CV is the most durable water-based topcoat in GF's product line and significantly out-performs solvent-based CV's.

Mixing Instructions

Requires thoroughly mixing 10 parts CV to 1 part NCO Catalyst by volume using a power mixer. Once combined, strain through a fine mesh strainer and let sit for 15 minutes before use. Pot life is about 6 hours once combined. Mixture will solidify after 6 hours.

Application Conditions: Recommended 70°F and 50% humidity, out of direct sunlight. Variations in conditions and application technique can significantly affect dry times and coverage. If necessary, add GF Extender after mixing w/ catalyst in warm or dry conditions.

Surface Prep: Always ensure the surface is clean of contaminants and dust. Sanding any surface too smoothly can reduce adhesion and create application issues like orange peel.

Raw Wood: Sand with no finer than 220 grit. Ensure any freshly stained surface has dried thoroughly and completely.

Pre-finished Wood: Clean using 50/50 mix of denatured alcohol and water with maroon non-woven pad. Sand with fine (220-320) foam sanding pad or maroon non-woven pad.

Other Substrates: Can be used with proper priming and/or painting. Always test first.

Sanding Between Coats: Using fine (220-320) foam sanding pad or gray non-woven pad.

System Recommendations: Can be used without a sealer. Use 1-2 coats of GF Sanding Sealer for improved build. 3-4 total coats of finish are recommended.

Force Dry: Allow product to flash for 10 minutes at ambient temperature. Using infrared lamps or oven, heat surface to 105°F. Allow to cool before sanding. Allow a minimum of 30 minutes between coats.

Buffing: Can be done after the finish has cured using wet/dry automotive sandpaper. Use GF Finishing Wax or mineral spirits as lubricant. Do NOT use water.

Storage & Shelf Life: Above 50°F and below 80°F, out of direct sunlight, tightly sealed. Finish preservers such as Bloxygen can help pro-long storage life. Best if used within one year of date on can. Uno-pened and properly stored finish can conservatively last up to 5 years.

Disposal: Always dispose of any leftover coatings in accordance with local laws. Do not pour down the drain.

Disclaimer: All exterior-rated solid wood, wood composites, plywoods, veneered panels, and engineered substrates must be tested by the end user to verify compatibility and performance for the intended application.

The information and recommendations on this sheet are based upon information gathered at the time of publication and do not act as a safety data sheet. For complete safety and product data, consult the product labels and visit www.generalfinishes.com for complete SDS sheets.

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Recommended Uses

Interior or exterior cabinets, trim, doors, furniture, table tops, bar tops. Use over raw wood, stain, and non-white painted surfaces.

For white surfaces, use GF White Poly or Brushable White Enamel.

Complies w/ the following air quality regulations:

SCAQMD, CARB, Canada, OTC Phase I & Phase II

Product Type:	Water-based 2K acrylic/urethane blend
Sheens Available:	Flat (10), Satin (30), Semi-Gloss (55), Gloss (85+)
Tintable?:	No
Volume Solids:	27%
Weight Solids:	28%
Rec. Film Thickness:	Wet: 3-5 mils Total Dry (multiple coats): 2.5-5 mils
Coverage:	450 sq. ft. per gallon
Viscosity:	Medium (350-450 cPs)
Application:	Recommended for spray application only
Brush:	Synthetic bristle or foam as necessary
Roll:	Foam or short nap as necessary
HVLP:	1.1 mm—1.3 mm
Air-Assist Airless:	600 PSI pump, 20 PSI assist air, .011" tip
Airless:	Fine Finish .007" - .011"
Dry Time (touch):	30 minutes
Dry Time (recoat):	2 hours
Cure Time:	7 days @ 70°F, 50% humidity
Thin With:	Water, GF Extender
Clean Hands w/:	Soap & Water
Clean Equipment w/:	GF Brush & Gun Cleaner
Sizes Available:	Gallons, 5-gallon Pails
VOC:	Under 200 g/L