



MURPHY

Component Finishing

A shortage of skilled labor for production work is placing constraints on cabinet manufacturers and woodworking companies. Component finishing generally requires a higher concentration of labor and frequently constitutes a manufacturing bottleneck. Murphy Company component finishing can relieve that bottleneck and help increase overall throughput.

The workhorse of Murphy's component finishing is a new Voorwood L115 edge foiler. It shapes, sands and applies foil, all in one sequence. Additionally, for drawer side components, it will cut the drawer bottom dado as part of the same step.

Please ask your Murphy salesperson for specific details about our services to improve your bottom line.

Finishing Services

Any and all of the following component modifications can be performed in a single pass:

- Shape
- Sand
- Apply Edge Foil
- Cut Dado

All types of foil may be applied to the component edge. High-end multi-ply material will typically use a clear foil. The Voorwood L115 can shape any core, including MDF. For applications other than multi-ply, opaque paint foil may be applied.

When coupled with our panel finishing services, Murphy can deliver your components ready for final sizing and assembly.

Green and Certified

Murphy Hardwood Plywood panels are CARB Phase II exempt and TSCA Title VI compliant. Our plant is one of the few hardwood panel producers in the country with HP-1, third party mill certification.

As part of the ongoing HP-1 certification process, pre-finished panels are tested for compliance with the ANSI/KCMA A161.1 – 2017 finish standards with regards to shrinkage and heat resistance, hot and cold check resistance and chemical resistance. Other testing is outlined on the back of this product sheet.

Murphy industry association memberships include DHA® (Decorative Hardwoods Association), KCMA® (Kitchen Cabinet Manufacturers Association), AWFS® (Association of Woodworking & Furnishings Suppliers), NBMDA® (North American Building Material Distribution Association), APA® (Engineered Wood Association) and NAWLA® (North American Wholesale Lumber Association).



Edge Foiler Capacity

Minimum Part Size: 3" X 3"

Minimum Part Thickness: .125"

Maximum Part Thickness: 2"

Foil Types: Clear and Opaque

Dado Groove Width/Depth: Adjustable

Cut-To-Size

Machinery: Schelling FH 6 beam saw

Software: Ardis optimization software

Maximum Panel Size: 49" X 97"

Minimum Part Width: 2"

Panel Thickness: 1/8" to 1-1/8"

Minimum Number of Panels to Process Per Run: 30 (Please ask your salesperson about cut-to-size programs)

Edge-Banding

Machinery: Homag Optimat Machining Center

Minimum Part Width: 2-3/4"

Maximum Part Width: 97"

Part Thickness Range for Edge Banding: 1/2" to 1-1/8" *

Edgebanding Material: Real wood, prefinished wood, PVC and laminate. *

Panel Finishing

- PermaGuard® UV Clear Topcoat
- Opaque Color (water-based solid color finish)
- Stain (applied to color veneer grain)
- Sealer (seal panel for further finishing)
- Primer (base for further color application)
- Toner (transparent tint to final wood coloring)
- Flood Coat
- Color Matching
- Paper/Vinyl Overlay & TFL Laminates

Panel Finish Choices

PermaGuard® UV Topcoat

Our durable, clear finish, perfect for full panels, cabinets, vanity interiors, shelving, and drawers, is stain and chemical resistant. The UV curing process is more durable than catalyzed topcoats and is available in various sheens ranging from satin to high gloss.

The topcoat process includes application of a UV sealer and a double application of the top clear coat (two coats are applied instead of a single, thicker coat for a more durable finish).

Transparent and Solid Colors

Adding color to real wood can emphasize the grain and enhance its beauty. Murphy has the ability to apply transparent or solid colors to meet your specifications.

Sealer and Primer

Many manufacturers still wish to perform their own final finishing. However, Murphy can save them time, money and a time-consuming step with the application of primer or sealer to the panels.

Sealer: A "first coat" sealer helps prevent blotches and provides a uniform final finish, even with water-borne systems.

Primer: Receive your panels in a color-ready state for easy final finishing.