

How to Build a “Green” Cabinet...

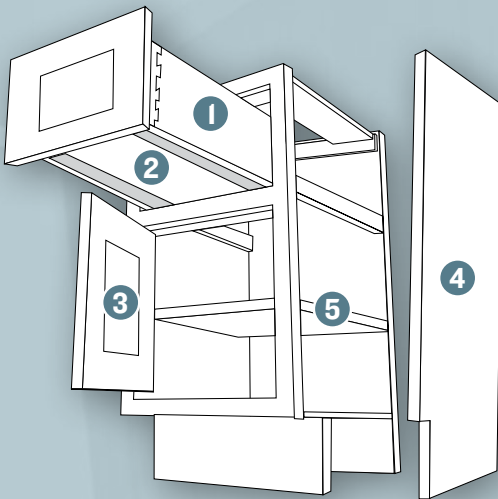
Today’s green homeowners are savvy, discerning and an ever-expanding influence in the marketplace. They are demanding products that meet their sustainability criteria, are healthy for their families and are cost-competitive compared to “non-green” alternatives.

Green cabinets and furniture made with PureBond[®] formaldehyde-free hardwood plywood technology satisfy the needs of these careful consumers. PureBond is the solution to their concerns about indoor air quality and provides an effective option in terms of installed cost. And, Columbia Forest Products’ PureBond plywood panels will enable you to build profitable green cabinets so you can harness the purchasing power of this rapidly growing consumer segment.

How to build a “green” cabinet using Columbia Forest Products’ PureBond® hardwood plywood.



- 1 Drawer sides.** Columbia offers 1/2" veneer core and composite core panels for drawer part applications. These panels are available formaldehyde-free with Columbia's durable UV Wood factory finish, which emits zero volatile organic compounds (VOCs). Save additional time and money by specifying Columbia's Drawer Sides pre-finished, edge banded, grooved and ready to cut to length. Columbia's PureBond formaldehyde-free technology veneer core drawer sides are offered with maple veneers.
- 2 Drawer bottoms.** Columbia 1/4" panels for drawer bottom application are available in MDF and veneer core constructions. Both cores are available NAUF (no added urea formaldehyde) with a clear UV Wood finish.
- 3 Door inserts.** Columbia offers hardwood veneers in a range of species and grades on NAUF 1/4" MDF.
- 4 Cabinet boxes.** Columbia offers a variety of green options for the cabinet box. Whether you are manufacturing your boxes in 1/2", 5/8" or 3/4", or if you use 3-ply or veneer core construction, Columbia offers all of these options NAUF. Veneered panels are also available with a zero-VOC, UV Wood factory finish.
- 5 Shelves.** As with cabinet boxes, Columbia offers a variety of NAUF panel options. Core choices are MDF, PBC or veneer core. These panels can also be specified with a UV Wood factory finish.



Who says building green costs too much?

Ask your Columbia representative how producing NAUF kitchen cabinets will cost less than you expected and will pay back more than you think. Start with the simple worksheet on the last page.

Want to go even greener?

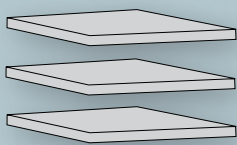
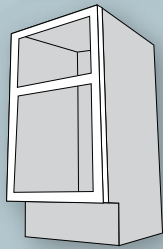
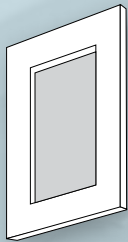
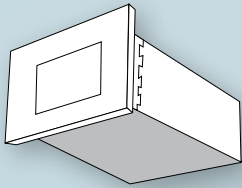
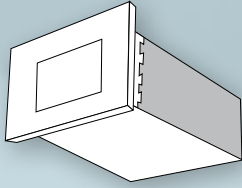
If you are interested in FSC® certified wood products, Columbia offers many choices in hardwood veneers and veneer core, particleboard and MDF panel constructions. Check with your Columbia representative for availability and lead times.



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Available Product Options Worksheet:

This worksheet will help you determine which Columbia Forest Products' panels are available to help you maximize the use of PureBond® products in the fabrication of formaldehyde-free cabinets.



Drawer Sides:

- Columbia prefinished UV Wood Drawer Sides, grooved, edge banded and ready to cut to length
- PureBond veneer core hardwood plywood
- PureBond MDF core hardwood plywood

Drawer Bottoms:

- PureBond 1/4" veneer core hardwood plywood
- PureBond 1/4" MDF hardwood plywood

Door Inserts:

- Hardwood veneers on 1/4" PureBond MDF hardwood plywood

Cabinet Boxes:

- PureBond veneer core hardwood plywood
- PureBond MDF hardwood plywood
- PureBond PBC hardwood plywood

Shelves:

- PureBond veneer core hardwood plywood
- PureBond MDF hardwood plywood
- PureBond PBC hardwood plywood

We've got you covered.

All products available as UV Wood pre-finished panels, FirstStep pre-primed plywood panels or CustomColors™ pre-applied custom stains. These finishes provide zero-VOC finishing alternatives.

Certiably Responsible.

All panels can be made from Forest Stewardship Council™ (FSC®)-certified wood products. When purchasing FSC-certified wood always confirm you are working with a distributor that holds an FSC chain of custody (COC) certificate. For a list of Columbia's FSC distributors please visit our website. And for additional resources on the Forest Stewardship Council visit www.fscus.org.



Let's do the math:

With your Columbia distributor's assistance, this worksheet will help you see that building "green" cabinets is cost-competitive with cabinets constructed using panels containing urea formaldehyde. Use the calculator below to understand the marginal added cost of using PureBond formaldehyde-free hardwood plywood panels.

Estimate the number of panels for your average kitchen design.*

1 Traditional materials with Urea Formaldehyde:

_____	# of panels
\$ _____ (x)	Average price/panel
\$ _____	Total UF

2 PureBond Formaldehyde-free technology panels:

_____	# of panels
\$ _____ (x)	Average price/panel
\$ _____	Total PureBond

3	\$ _____	Total PureBond
	\$ _____ (-)	Total UF
	\$ _____ (=)	Difference in panel cost

4	\$ _____	Difference in panel cost
	\$ _____ (÷)	Avg. sales price per kitchen
	\$ _____ (=)	% difference in cost for the kitchen project

A small premium is not an impediment to green homeowners if they have the assurance that the products they're buying meet their green standards. As you can see, building cabinets with PureBond formaldehyde-free technology panels does this and at a very reasonable cost.

* Many cabinet manufacturers use 15 panels for the average size kitchen.

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