

 **PureBond.**<sup>TM</sup>  
A breath of fresh thinking.

**Formaldehyde-free.**  
**Cost-competitive.**  
**And only from**  
**Columbia Forest Products.**

Now there's a cost-effective way to get decorative hardwood plywood without getting formaldehyde. PureBond<sup>TM</sup> is Columbia Forest Products' exclusive formaldehyde-free innovation for hardwood plywood manufacturing. Replacing traditional urea formaldehyde (UF) hardwood plywood construction with our new environmentally safe PureBond construction enables Columbia to eliminate formaldehyde from standard veneer-core and wheatstraw agrifiber-core panel production. That's good news for our employees, customers and the environment.



**Formaldehyde-free. Seriously.**

When we say PureBond is formaldehyde-free, we mean formaldehyde-free. There is absolutely no formaldehyde in its makeup. It's derived naturally, then enhanced with a proprietary resin formulation. And PureBond is licensed exclusively to Columbia for the manufacture of hardwood plywood, veneer and flooring.

**FORMALDEHYDE EMISSION LINE COMPARISON**

*Estimated foreign specifications normalized to ASTM E1333 standard (ANSI large chamber)*



Unfinished PureBond 3/4" oak v/c plywood independently tested in accordance with ASTM E-1333 emitted 0.00 ppm of formaldehyde.

**Less cost. More benefit.**

What really makes PureBond special is that it's cost-competitive with the standard UF construction of most decorative hardwood plywood that's made today. That means PureBond is substantially less expensive than other no-added-formaldehyde alternatives currently available. Additionally, PureBond is even more water resistant than UF – approaching the requirements for Type I, or waterproof performance. PureBond formaldehyde-free panels have actually out-performed UF bonded panels in all moisture degradation tests.

**Better living through chemistry.**

With indoor air quality of increasing importance in today's architectural community, it's no small measure that PureBond eliminates formaldehyde from both press and product emissions. In fact, PureBond panels are designed to be compliant with the U.S. Green Building Council's Leadership in Energy & Environmental Design (LEED™) standards.

**PureBond Facts.**

- Manufacturing with PureBond produces environmentally safe, formaldehyde-free decorative hardwood plywood.
- PureBond panels are cost-competitive with traditional panels made using traditional UF construction.
- PureBond offers superior moisture resistance – approaching Type I or waterproof performance in product tests.
- PureBond panels are LEED compliant and may contribute points for EQ Credit 4.4 for Low-Emitting Materials: Composite Wood.
- Conversion to PureBond manufacturing operations virtually eliminates formaldehyde press emissions in Columbia mills.
- PureBond is now available in Columbia's standard veneer-core or wheatstraw agrifiber-core panels.
- PureBond is only from Columbia Forest Products.

**Want to know more?**

For more information on Columbia's PureBond, or to specify it for your next project, visit [www.columbiaforestproducts.com](http://www.columbiaforestproducts.com) or call one of the regional numbers listed below.

