



PureBond.[®]

HARDWOOD PLYWOOD

A Remarkable Breath of Fresh Thinking for Over Fifteen Years!

Original, leading brand of formaldehyde-free decorative hardwood plywood. Since 2006, Columbia has manufactured over **one hundred million** PureBond panel assemblies with zero-added formaldehyde.

Columbia took a step further through organization of the PureBond Fabricator Network in the US and Canada. The PFN is a community of fabricators committed to offering a formaldehyde-free alternative in cabinet and case good construction with PureBond panel production.

PureBond is proven technology through soy and PVA-based decorative panel assembly that is cost competitive and widely available across North America.



PureBond.[®]

FABRICATOR NETWORK

Visit www.cfpwood.com to
find a fabricator in your area.



columbia
FOREST PRODUCTS[™]



Columbia's PureBond Promise: Soy, PVA or pMDI assembly technologies only to assure zero-added urea formaldehyde.

Formaldehyde-free.

When we say PureBond technology is "formaldehyde-free," we're describing our hardwood plywood panels which are comprised of no added urea formaldehyde components and assembled with no-added urea-formaldehyde (UF) adhesives.

Cost Competitive. Higher Performance.

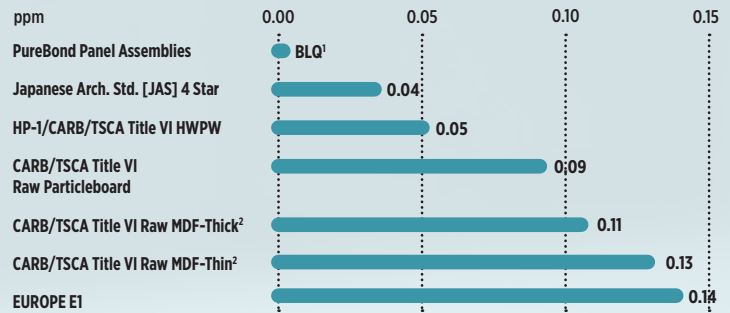
What really makes PureBond special is that it's cost-competitive with the standard urea-formaldehyde (UF) adhesives. construction of most decorative veneer-core hardwood plywood that's made today. Additionally, PureBond has been tested to be even more water resistant than UF panels. PureBond urea formaldehyde-free panels have out-performed UF bonded panels in all moisture degradation tests.

Independent, Third-party Assurance for Green Building Program Success.

Columbia panels are certified as CARB and TSCA Title VI Compliant by a third party certifier, Capital Testing. This certification is accepted by USGBC LEED® and other, related standards through the Composite Wood Evaluation.



PUREBOND TEST RESULTS COMPARED TO EMISSION LIMITS



¹ Purebond Panels; VC and CC w/ NAF MDF and NAF panel adhesives have had an average emission test rating of 0.0033 ppm over 60 test reports over the past two years.

² HWPW and PB are tested in the E1333 large chamber at a 0.13 ft²/ft³ loading rate, and MDF is tested at 0.08 ft²/ft³, so not as much MDF surface is exposed during tests. If tested to same loading rate, MDF test results would be higher but may or may not exceed the standards thresholds here.

PureBond Facts:

- Columbia has manufactured over 125 million panels with PureBond formaldehyde-free hardwood plywood assembly technology.
- PureBond assembly is formaldehyde free with no added scavengers to mitigate urea formaldehyde hydrolysis and offgassing as there is no added formaldehyde to start with!
- Purebond veneer core panels offer improved moisture resistance compared to veneer core panels made with urea formaldehyde glues.
- PureBond panel assemblies are compliant with USGBC®, LEED® Composite Wood Evaluation. LEED® is the preeminent program for the design, construction, maintenance and operations of high-performance green buildings.
- PureBond panels can specified as FSC® MIX to confirm independent certification to standards set forth by the Forest Stewardship Council® for certified, responsible wood sourcing.
- TSCA Compliant PureBond also qualifies for International Living Future Institute Living Building Challenge® Materials Petal as well as use in buildings managed to Well® Building standards.

Want to know more?

For more information on PureBond, or to specify it for your next project, contact us or visit www.cfpwood.com to learn more.

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