



## Give your designs a competitive edge.

With DesignEdge™, our new domestically-produced multi-ply panel, your next project can deliver a twist on the distinctive exposed-edge look with the added confidence of PureBond® formaldehyde-free technology.

Available in a range of thicknesses as “blank” platforms or with decorative hardwood veneer faces, DesignEdge panels can be ordered as FSC® Certified. And because they’re responsibly made here with wood from North America’s perpetual-growth hardwood resource, quality, availability and delivery are not a concern.



DesignEdge panels can be finished with hardwood veneer and other materials like high pressure laminate.



The mark of responsible forestry



## Visual Flexibility & Appeal

Dining tables. Children's furniture. Drawer boxes. Display fixtures. Just some of the typical items that can be enhanced with the unique "thick and thin" inner ply layers that make Columbia's new DesignEdge panels so visually striking.

Made with a special combination of hardwood ply's that leverage North America's abundant forest resource, DesignEdge can reflect a new sense of aesthetic drama from every angle. Special fabrication techniques can be employed to make the most of the material, from flat to rounded and beveled treatments. For more information, please contact one of the regional offices listed below or visit us online at [www.cfpwood.com](http://www.cfpwood.com).

## Features & Benefits

- ▶ **CARB Exempt and CARB Phase 2 Compliant.** This product is manufactured to the ANSI HP-1 2009 Hardwood Plywood Standard and tests below 0.05 for formaldehyde emissions and contains **no added urea formaldehyde**.
- ▶ **LEED IEQ 4.4 Compliant.** DesignEdge is a no added urea formaldehyde panel, compliant for use in LEED project work which calls for no added urea formaldehyde in lamination or core construction adhesive of interior composite panel products.
- ▶ **FSC® Certified Available.** DesignEdge can be ordered FSC certified to add a chain-of-custody trace to responsibly managed forestland and contribute credit towards the MR 7 certified wood credit in LEED project work. For more information on FSC constructions, visit the FSC page at [www.cfpwood.com](http://www.cfpwood.com)
- ▶ **Excellent Machinability.** DesignEdge provides very uniform core density to help reduce reject rates, offering great machinability and tremendous screw holding capacity.

### Core Properties\*

Core Specification	3/4" DESIGNEDGE
Core construction	Hardwood
Ply count (including face & back)	13
Glue type - core	Soy
Glue type - face/back lamination	Soy
Hardness (lbf)	0.573
Density (lbs/ft <sup>3</sup> )	32
Parallel MOE (mpsi)	5,594
Parallel MOR (mpsi)	5,490
Perpendicular MOE (mpsi)	13,438
Perpendicular MOR (mpsi)	11,072
Screw Holding - Face (lbs)	430
Screw Holding - Edge (lbs)	326
Formaldehyde Emissions (ppm)	< 0.05
Internal Bond (psi)	216
Water Absorption (%)	26.7
Thickness Swell (%)	3.4
Linear Expansion (%)	0.113
Width Expansion (%)	0.17
Weight (lbs) 4' x 8' sheet	63

\*Test samples were constructed with rotary maple face and back. Test results for hardness can differ depending on density of decorative veneer. Wood is natural and variable to a certain extent. Test data is for informational purposes and does not represent a claim by Columbia that identical panel assemblies meet these properties in the field.

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DesignEdge core with formaldehyde-free PureBond technology and decorative face veneers.



Multiple plies of hardwood veneer render an aesthetically beautiful edge appearance.

Panel thicknesses include, 1/2", 5/8", and 3/4". Contact your Columbia representative for current availability.

**Eastern US**  
1 800-237-2428  
**Central US**  
1 800-760-3341

**Northeastern US & Canada**  
1 888-664-1964 • 1 888-525-1964  
**Western US / Canada**  
1 800-547-1791

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