



## Kangaroo with Joey

**Industry:**  
Furniture

**Location:**  
Cary, NC

**Architect:**  
Andy Steude, Rocking Frog, LLC

### Materials Used:



Natural Flat Grain  
Bamboo Plywood  
BP-4896N-NAUF / FSC

Who wouldn't want to rock out in this adorable rocking toy? "Kangaroo with Joey" is designed and constructed by Rocking Frog in Cary, NC, using Plyboo flat grain natural plywood and poplar dowels.



## Specifications

### Possible LEED Credits:

Low emitting materials and certified wood



### Physical / Mechanical Properties - Flat Grain plywood

Dimensions:	3/4" x 48" x 96" 19mm x 1219mm x 2438mm (*mm tolerance +/- .5mm thickness)
Construction:	Three-ply, cross core construction.
Working with Plyboo:	A worksheet is provided with each panel containing useful tips and information and is also available on our website at <a href="http://plyboo.com/downloads">plyboo.com/downloads</a> .
ASTM E84: Surface Burning	Class C
ASTM D1037: Dimensional Stability	<ul style="list-style-type: none"> <li>• Linear Expansion (3-ply): Parallel -0.04% / Perpendicular -0.07%</li> <li>• Thickness Swell (3-ply): -0.13%</li> </ul> Screw Hold (3-ply) (face/back/edge) <ul style="list-style-type: none"> <li>• 742 lbs/ 831 lbs/ 860 lbs average</li> </ul>
ASTM D4442: Moisture Content	6-9% average
ASTM D 6007-02: Formaldehyde Concentration in Air from Wood Products, small chamber test	Plyboo = 0.004 ppm (surpasses CARB II standards, 0.05ppm & ULEF standards of 0.04ppm)