



Case Study: Residential

One Jackson Square

Industry:
Residential

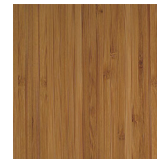
Location:
New York, New York

Architect:
Kohn Pedersen Fox

Possibly the most imaginative design for a lobby entry is the One Jackson Square apartments in New York City. Manufactured of hundreds of plies of Plyboo, each panel was custom build and installed to create a sculpted, canyon effect. Wandering toward the elevator banks to the back, organic shaped shelves and seating areas appear along the undulating walls.



Materials Used:



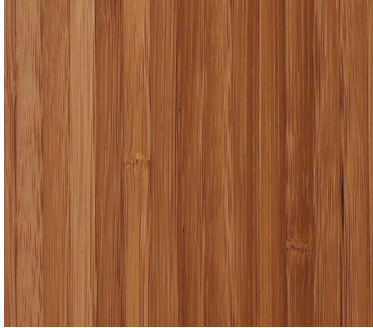
Amber Edge Grain
Bamboo Plywood
BP-S4896VA-NAUF / FSC



Specifications

Possible LEED Credits:

Low emitting materials and certified wood



Physical / Mechanical Properties - Edge Grain Bamboo 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 plyboo.com/downloads .
ASTM E84: Surface Burning	Class C
ASTM D1037: Dimensional Stability	<ul style="list-style-type: none"> • Linear Expansion (3-ply): Parallel -0.04% / Perpendicular -0.07% • Thickness Swell (3-ply): -0.13% Screw Hold (3-ply) (face/back/edge) <ul style="list-style-type: none"> • 742 lbs/ 831 lbs/ 860 lbs average
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)