



Case Study: Residential

Cipolla Kitchen

Industry:
Single Family Home

Location:
Phoenix, Arizona

Architect:
SEAD Architects

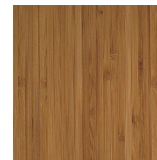
A popular application for kitchens, Plyboo material works well for cabinetry and cabinet door applications. The Cipolla family chose both the amber edge and natural edge grain plywood to create shade contrast between the darker and light tones in the bamboo. By matching panels in the same color across doors and drawers a monolith tone was achieved in this application.



Materials Used:



Natural Edge Grain
Bamboo Plywood
BP-V4896N-NAUF / FSC



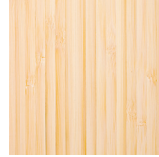
Amber Edge Grain
Bamboo Plywood
BP-V4896A-NAUF / FSC



Specifications

Possible LEED Credits:

Low emitting materials and certified wood
 Floorscore certified



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)