

Case Study: Office Building

Orchard

Industry: Office Building **Location:** Los Angeles, California Architect: N/A

Curve Appeal

Besides the obvious challenges in this completely custom curved ceiling installation, is the special light fixtures and air diffusior cut outs. Amber Edge Grain veneer was chosen because of its strength, flexibility and ease of handling.

Materials Used:



Amber Edge Grain Bamboo Veneer BVN-4896VA/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	 Linear Expansion (3-ply): Parallel -0.04% / Perpendicular -0.07% Thickness Swell (3-ply): -0.13% Screw Hold (3-ply) (face/back/edge) 742 lbs/ 831 lbs/ 860 lbs average
ASTM D4442: Moisture Content	6-9% average
ASTM D 6007-02: Formaldehyde Con- centration in Air from Wood Products, small chamber test	Plyboo = 0.004 ppm (surpasses CARB II standards, 0.05ppm & ULEF standards of 0.04ppm)