plyboo SMITH & FONG

Case Study: University

University of Alaska at Anchorage

Industry:
University

Location:
Anchorage, Alaska

Architect:
N/A

Bamboo Cloud

The new science building at the University of Alaska at Anchorage featured an extensive "cloud" ceiling made of Plyboo edge grain amber plywood, floating over the astronomy department's new planetarium drum.

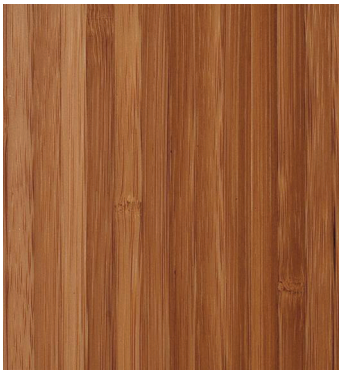
Pictured here is a full view of the massive drum. Plyboo edge grain amber plywood was also used for the benches underneath it!

Materials Used:

Amber Edge Grain
Bamboo Plywood
BP-V4896A-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	•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 Concentration in Air from Wood Products, small chamber test	Plyboo = 0.004 ppm (surpasses CARB II standards, 0.05ppm & ULEF standards of 0.04ppm)