



Case Study: Healthcare

UCSF Medical Center

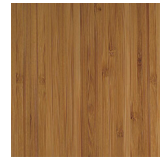
Industry:
Healthcare

Location:
San Francisco, California

Architect:
Anshen & Allen/Stantec

University of California at San Francisco, known worldwide for ground breaking medical research chose Plyboo edge grain amber plywood and veneer for the lobby and reception area. Oversized panels and a class A fire rating were required to complete this project. To meet Class A, Plyboo 10' veneers were pressed to fire rated MDF and treated with a fire retardant finish. Reveals on both the side and top of panels were provided to add visual interest and to give the panels room to move.

Materials Used:



Amber Edge Grain
Bamboo Plywood
BP-V48120VA-NAUF/FSC



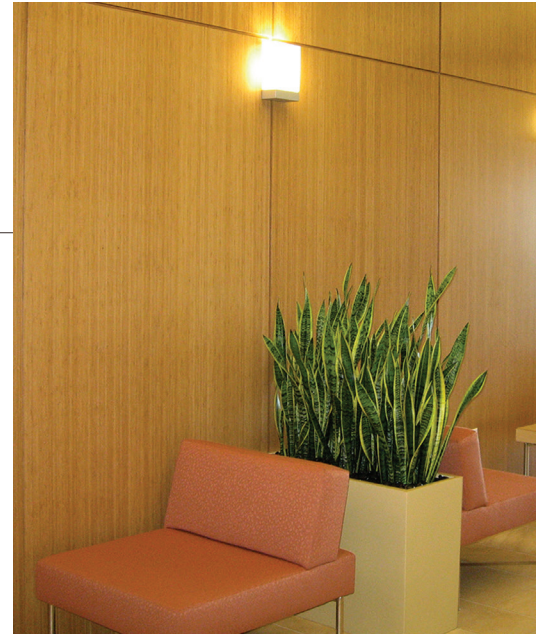
Amber Edge Grain
Bamboo Veneer
BVN-4896VA/FSC



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	<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)