plyboo® SMITH & FONG

Case Study: High Tech

Google Offices

Industry:
High Tech

Location:
San Francisco, California

Architect:
Rapt Studios

LEED® gold certification was the target for the Google offices in San Francisco. Plyboo edge grain amber plywood was the choice in the dining area for its durability as well as linear, warm feel. Applications included tabletops, seating and booth divider walls.

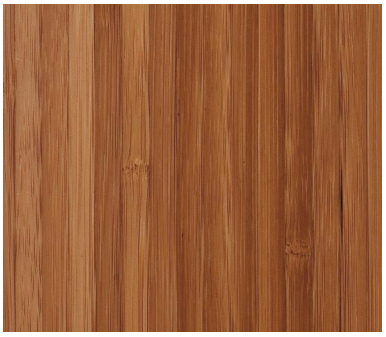
FSC and formaldehyde-free where specified as it is a company-wide mandate and contributed to both the IEQc4.4 low emitting materials and Mrc7 Certified wood credits.

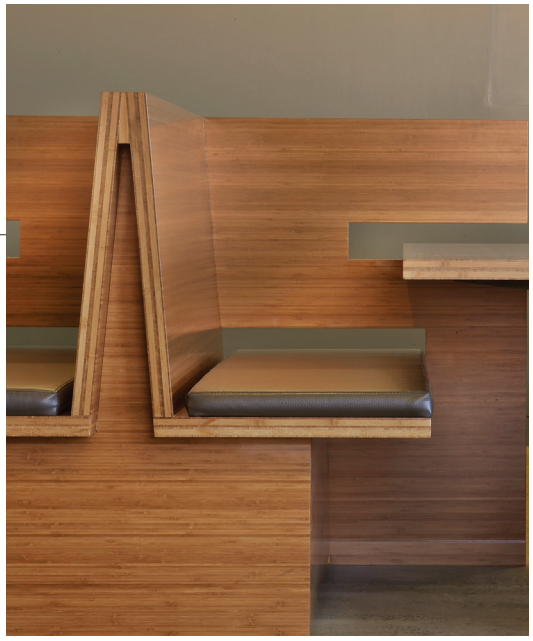
Materials Used:

Amber Edge Grain
Bamboo Plywood
BP-V64896A-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)