



Case Study: Hospitality

BanQ

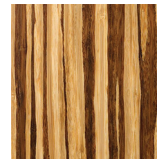
Industry:
Hospitality

Location:
Boston, Massachusetts

Architect:
Office dA, Inc

Banq restaurant is located in the old Penny Savings Bank in Boston, abandoned years earlier. The architects saw promise and a new life for this small, but sturdy structure. Designed with the customer in mind, one enters through the doublehung bronze doors to an elegant full bar. Then beyond the bar is the dining area, substantial in both size and design. Plyboo Neopolitan was used extensively on this project for the bar area, dining booths, seating and tabletops. Neopolitan flooring was also used to play against the wild ceiling structure.

Materials Used:



Neopolitan Bamboo
Plywood
BP-4872NEO-NAUF /FSC



Neopolitan Bamboo
Flooring
FL-P3836NEO-NAUF /FSC



Specifications

Possible LEED Credits:

Low emitting materials and certified wood



Physical / Mechanical Properties - Strand 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 -0.09% / Perpendicular -0.07% • Thickness Swell (3-ply): -0.3% Screw Hold (3-ply) (face/back/edge) <ul style="list-style-type: none"> • 1009lbs/ 681 lbs/ 516 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)

Physical / Mechanical Properties - Strand Bamboo Flooring

Dimensions:	9/16" x 3 3/4" x 72" - 14mm x 96mm x 1830mm
Installation:	Tongue and Groove, glue down
ASTM E648: Critical Radiant Flux:	Class 1
ASTM D1037: Dimensional Stability	Linear Expansion: Parallel -0.02%, Perpendicular -0.23%, Thickness Swell -0.25%, Hardness (Janka Ball Test): 3,500 lbf average
ASTM D2394: Coefficient of Friction	Static Coefficient/Dynamic (Sliding) Coefficient: 0.562/ 0.497
ASTM 4442: Moisture Content	6-9% average
ASTM D5116: Organic Emission (CA Section 01350)	Classroom scenario/Office scenario: Pass/Pass