



Case Study: Retail

You and the Mat

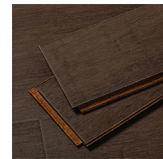
Industry:
Retail

Location:
Laguna Niguel, California

Architect:
N/A

Materials Used:

PlybooFit™ underlayment system is a great fit for fitness centers, recreational centers and yoga studios. The 95% recycled underlayment padding helps with shock absorption lessening the impact on ankle, knee and hip joints.



Cerused Taupe Stiletto
Strand Flooring
FL-P5872PSG/CL-NAUF /FSC

Our new Stiletto click lock flooring installs quickly and easily with the PlybooFit underlayment. Stiletto, our hardest floor available, holds a 3500 psi Janka Ball rating making it perfect for high wear fitness applications.

Strength, beauty and a full palette of colors is proving Stiletto to be our most versatile flooring product yet.



Specifications

Possible LEED Credits:

Low emitting materials and certified wood
 Floorscore certified



Physical / Mechanical Properties - Stiletto Strand Bamboo Flooring

| | |
|---|---|
| Dimensions: | 9/16" x 5" x 72" - 14mm x 125mm x 1830mm |
| Installation: | Click-lock over pad |
| 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): 3500 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 |

Physical / Mechanical Properties - PlybooFit® System

| | |
|---|---|
| Dimensions | 3mm x 36" x 33' 1/2" (100 sqft per roll) |
| ASTM E989: Sound Impact Insulation | IIC 72 (over 6" concrete/6" fiberglass) |
| ASTM D3676: Density Pounds/cubic foot | 18.9 lbs/ft ³ |
| Compression Resistance, PSI | Compression Resistance: @25% - 23.3 psi @30% - 37.0 psi @50% - 219.6 psi |
| ASTM D5116: Organic Emission (CA Section 01350) | Classroom scenario/Office scenario: Pass/Pass |
| DOC-FF 170: Flammability | Passed |