



Case Study: Residential

Environments

Industry:
Multi-Unit Residential

Location:
San Francisco, California

PlybooQuiet™ underlayment system paired with our new Stiletto click lock flooring makes loud visual statement while reducing sound transfer by half. Earning a 60 IIC rating with a drop ceiling, PlybooQuiet resolves noise abatement requirements in multi-story environments.

Our Stiletto click lock flooring installs quickly and easily when floated over PlybooQuiet underlayment. Stiletto, our hardest floor available, holds a minimum 3500 psi Janka Ball rating making it perfect for high wear residential or commercial applications.

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



Materials Used:



Stiletto Brushed Pearl
Strand Flooring
FLP5872WPH/CL-NAUF /FSC



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 - PlybooQuiet 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