



Case Study: Residential

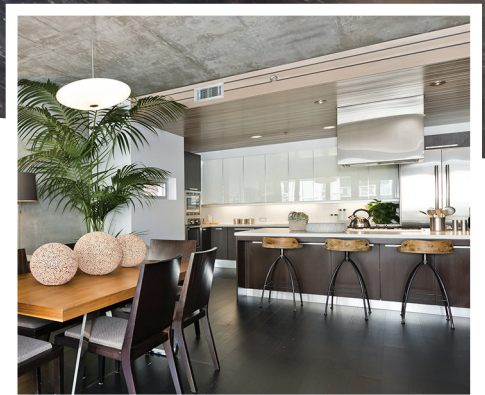
750 Second Street

Industry:
Multi-Unit Residential

Location:
San Francisco, California

Architect:
Gould Evans Architects

750 Second Street is just steps from world class restaurants, shopping & home of the San Francisco Giants. "We sought to relate the design of this contemporary residential building to the renovated historic warehouses which surround the site, carefully recalling the materials and details which give the South End Historic District its identity, while creating a fresh, sophisticated composition appropriate to life in 21st century San Francisco," said Bob Baum of Gould Evans Architects. Stiletto Eclipse was chosen for its durability and matte sheen finish. The brushed surface gives the appearance of aged or reclaimed wood evoking the feeling of former warehouse/dock lands area.



Materials Used:



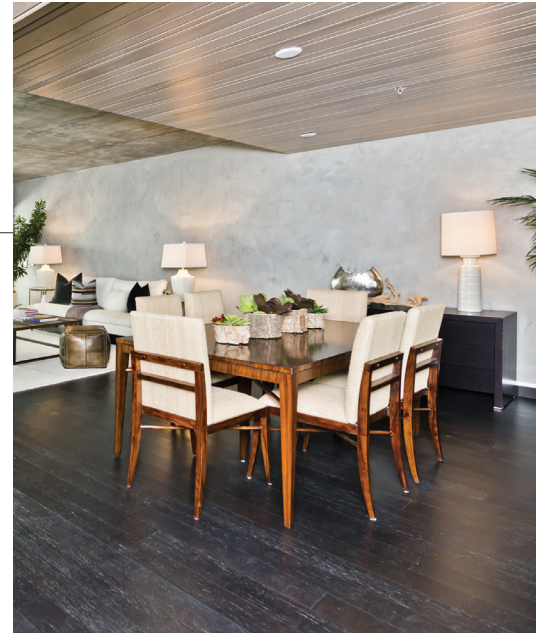
Brushed Eclipse Stiletto
Strand Flooring
FL-P5872EPD/CL-NAUF /FSC



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 |