



Case Study: Residential

Butterfly Home

Industry:
Residential

Location:
Atlanta, Georgia

Architect:
Elizabeth Malpass

This Georgia-state home uses PlybooStrand Neapolitan flooring in a big, beautiful way, giving their decor that extra punch.

The durability of our Neapolitan strand material can take the wear and tear of humans and canine alike which makes it a perfect solution in the high traffic area of this split level home.



Photos by Elizabeth Chai

Materials Used:



Neapolitan Strand
Bamboo Flooring
FL-P3836NEO-NAUF /FSC



Specifications

Possible LEED Credits:

Low emitting materials and certified wood
 Floorscore Certified



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 |