



## 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:



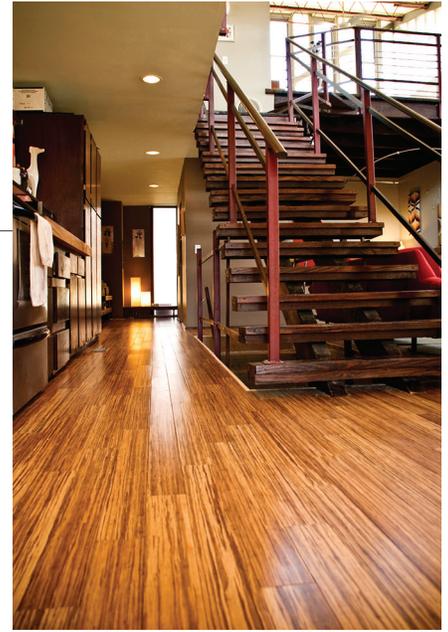
Neapolitan Strand  
Bamboo Flooring  
FL-P3836NEO-NAUF /FSC



## 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