



Case Study: Residential

81 Weatherby

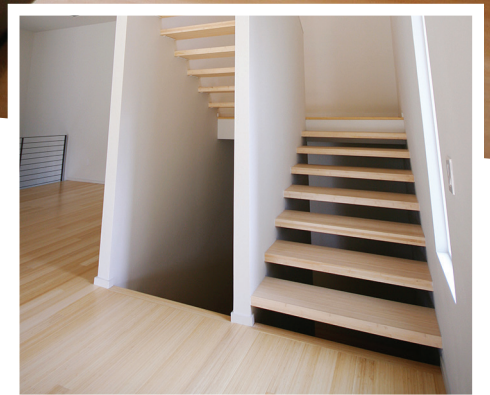
Industry:
Residence

Location:
Atlanta, Georgia

Architect:
Concourse E

This highly energy efficient and environmentally conscious private residence in Atlanta, GA, was designed and built by Concourse E, and uses Plyboo edge grain natural flooring as part of its creatively elegant design.

The natural coloring of the floor pays a subtle complement to this beautifully lit living room and contrasting the dark cabinetry of the kitchen.



Materials Used:



Natural Edge Grain
Bamboo Flooring
FL-V5872PN-NAUF /FSC



Specifications

Possible LEED Credits:

Low emitting materials and certified wood
 Floorscore certified



Physical / Mechanical Properties - Edge Grain Flooring

| | |
|---|---|
| Dimensions: | 5/8" x 3 3/4" x 72" - 15mm x 96mm x 1830mm |
| Installation: | Tongue and Groove, glue down or nail down |
| ASTM E648: Critical Radiant Flux: | Class 1 |
| ASTM D1037: Dimensional Stability | Linear Expansion: Parallel -0.02%, Perpendicular -0.07%, Thickness Swell -0.34%, Hardness (Janka Ball Test): 1300 lbf average |
| ASTM D2394: Coefficient of Friction | Static Coefficient/Dynamic (Sliding) Coefficient: 0.425/ 0.676 |
| ASTM 4442: Moisture Content | 6-9% average |
| ASTM D5116: Organic Emission (CA Section 01350) | Classroom scenario/Office scenario: Pass/Pass |