Sprecher Residence

**Industry:** Residence  
**Location:** Marin, California  
**Architect:** Hershon Hartley Design

*Bamboo Everywhere*

In this residence, Amber Edge Grain plywood was utilized for the ceilings, custom designed single stringer stair treads with beveled edges and all the flooring.

The uniformity of ceiling, wall and floor brings warmth and consistency regardless of where the eye wanders. The consistent materials set off the other.

**Materials Used:**

- Amber Edge Grain Bamboo Plywood  
  BP-V019A-NAUF/FSC
### Specifications

Possible LEED Credits:  
Low emitting materials and certified wood

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<th>Physical / Mechanical Properties - Edge Grain Bamboo Plywood</th>
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| **Dimensions:** | 3/4" x 48" x 96"  
19mm x 1219mm x 2438mm (*mm tolerance +/- .5mm thickness) |
| **Construction:** | Three-ply, cross core construction. |
| **Working with Plyboo:** | A worksheet is provided with each panel containing useful tips and information and is also available on our website at plyboo.com/downloads. |
| **ASTM E84: Surface Burning** | Class C |
| **ASTM D1037: Dimensional Stability** |  
• Linear Expansion (3-ply): Parallel -0.04% / Perpendicular -0.07%  
• Thickness Swell (3-ply): -0.13%  
Screw Hold (3-ply) (face/back/edge)  
• 742 lbs/ 831 lbs/ 860 lbs average |
| **ASTM D4442: Moisture Content** | 6-9% average |
| **ASTM D 6007-02: Formaldehyde Concentration in Air from Wood Products, small chamber test** | Plyboo = 0.004 ppm (surpasses CARB II standards, 0.05ppm & ULEF standards of 0.04ppm) |