



## Case Study: Educational

### Slocum Hall of Architecture/Syracuse University

**Industry:**  
Education

**Location:**  
Syracuse, New York

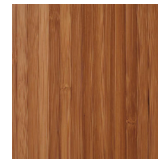
**Architect:**  
R.B. Woodcraft

It's not quite the Enterprise, but the theater at Syracuse University's Slocum Hall School of Architecture is equally out of this world. Fabricated by R.B. Woodcraft using our Plyboo edge grain amber plywood, this has to be the most stimulating classroom ever.

Durable and dramatic, Plyboo Amber Edge Grain plywood covers ceilings and walls of the Slocum Hall of Architecture theatre. The cut circles help acoustics while providing a decorative component to the building.



#### Materials Used:



Amber Edge Grain  
Bamboo Plywood  
BP-V4896A-NAUF /FSC



## Specifications

### Possible LEED Credits:

Low emitting materials and certified wood



### Physical / Mechanical Properties - Edge Grain Bamboo Plywood

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 <a href="http://plyboo.com/downloads">plyboo.com/downloads</a> .
ASTM E84: Surface Burning	Class C
ASTM D1037: Dimensional Stability	<ul style="list-style-type: none"> <li>• Linear Expansion (3-ply): Parallel -0.04% / Perpendicular -0.07%</li> <li>• Thickness Swell (3-ply): -0.13%</li> </ul> Screw Hold (3-ply) (face/back/edge) <ul style="list-style-type: none"> <li>• 742 lbs/ 831 lbs/ 860 lbs average</li> </ul>
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)