<table>
<thead>
<tr>
<th>TYPE OF PRODUCT</th>
<th>Bamboo Flooring</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMPANY NAME</td>
<td>Smith &amp; Fong</td>
</tr>
<tr>
<td>PRODUCT/COLLECTION NAME</td>
<td>Plyboo Pure</td>
</tr>
<tr>
<td>DESCRIPTION</td>
<td>Floor Covering</td>
</tr>
<tr>
<td>MATERIAL CONTENT</td>
<td>Made with low-emitting, no-added formaldehyde (NAF) soy-based binder or phenol formaldehyde, no-added urea formaldehyde (NAUF) binder</td>
</tr>
<tr>
<td>RECYCLED CONTENT %</td>
<td>None</td>
</tr>
<tr>
<td>RAPIDLY RENEWABLE CONTENT %</td>
<td>100%</td>
</tr>
<tr>
<td>HARMFUL ADDITIVES</td>
<td>No harmful additive</td>
</tr>
<tr>
<td>HARMFUL EMISSIONS</td>
<td>Low emitting material</td>
</tr>
<tr>
<td>EMISSION STRENGTH OVER TIME</td>
<td>None</td>
</tr>
<tr>
<td>TREATMENTS</td>
<td>None</td>
</tr>
</tbody>
</table>

**MANUFACTURING**

MANUFACTURING PROCESS

Smith & Fong incorporated in 1997 and spent the remainder of the 1990s developing new sizes and applications for our bamboo flooring and plywood lines. 2000 was a pivotal year with the launch of bamboo strand, a bamboo process technology that allowed the material to be threshed and pressed into dense logs. This material could then be sliced and fabricated into flooring or plywood offering a substantially denser material with an entirely new bamboo aesthetic. A year later, Smith & Fong expanded again introducing a line of plywood and flooring products made entirely of coconut palm lumber and marketed under the Durapalm™ brand. With the later additions of FSC Pure bamboo and Soy-based formaldehyde-free binders, Smith & Fong now offers a wide range of sustainable design solutions in both bamboo and palm to a global market place.

HARMFUL EMISSIONS None

LOCATION OF MANUF. PLANT

San Francisco, CA

TESTS/CODES

**Fire rating:** ASTM E648 Critical Radiant Flux, Class 1  
**Hardness:** ASTM D1037 Janka Ball Hardness Test

3™ PARTY CERTIFICATION

Floor Score, ANSI, SCS, FSC, and the Rainforest Alliance.

**INSTALLATION**

INSTALLATION PROCEDURE

If glue-down method is used, do not allow foot traffic or heavy furniture on floor for 24 hours or as adhesive manufacturer requires. Protect installed product from damage during construction by covering with heavy kraft paper or other suitable covering. Do not use non-breathable sheet or film that could cause condensation to form or inhibit proper curing of adhesive. Maintain covering throughout remainder of construction period.

INSTALLATION ADHESIVES

The following adhesives are good products:  
Bostik's Best or Bostik's TKO  
Mapei 980 or 990  
DriTac 7500 Eco-Urethane  
W.F. Taylor's MS Plus

UNIT COST

It varies, check this:  
http://www.plyboodirect.com/?dispatch=categories.view&category_id=49

LIFE CYCLE ANALYSIS EXTRATION

None Specified  
20 yr. lifespan expected

END OF SERVICE LIFE

It is 100% recyclable

**MISC. PROPERTIES**

QUALITIES/PROPERTIES OF PRODUCT

Compatibility with Radiant Floor Heating Systems: Compatible. The temperature and relative humidity (RH) of the installation area should be stabilized with normal year-round conditions a minimum of one week before installation. For optimum performance manufacturer's recommended temperature range of 50-80°F and an RH of 35-55% should be maintained year-round.

MISC. COMMENTS

CONTRIBUTION TO LEED POINTS

EQc4.3: Low-Emitting Materials—Carpet Systems, NC-v2.2  
MRc6: Rapidly Renewable Materials, NC-2009 NC-v2.2 CI-2009 Schools-2009  
MRc6: Certified Wood, CS-2009
### COMPANY PROFILE

**GREEN PHILOSOPHY**

From the beginning, Smith & Fong has been dedicated to sustainability. We make our decisions based on quality and design as well as social and environmental considerations. We believe that profit is the byproduct--not the product--of a job well done. We have worked hard to earn a reputation for integrity and consider the trust our customers place in us one of our greatest assets.

We believe in the natural sustainability of bamboo forestry and the harvesting practices developed over centuries of experience. To validate the legitimacy of our forestry practices, we sought out the Forest Stewardship Council (FSC) for their help in certifying our Moso bamboo forest in China. After a two-year process, we succeeded in becoming the first bamboo company to offer FSC-Pure certified bamboo flooring, plywood and veneer in the North American market.

### CONTACT

Smith & Fong Company, San Francisco, CA 94103  
Tel: (866) 835-9859  
E-mail: sales@plyboo.com  
Website: www.plyboo.com

### MAINTENANCE

**AFTER INSTALLATION**

Do not protect the flooring with plastic sheeting or moisture retardant membranes. Use hard surface protection such as hardboard over kraft paper. Tape kraft paper and hardboard to prevent grit infiltration.