

**Prefinished Engineered Locking Bamboo with ENDURA AR+  
 Technical Specifications**

<b>Description:</b>	<b>Engineered Locking Bamboo</b>
<b>Warranty:</b>	<b>10 year Class 33</b>
<b>Species:</b>	<b>Mao Tzu Moso6™ Bamboo</b>
<b>Installation:</b>	<b>Glueless locking – floating installation</b>
<b>Sizes:</b>	<b>5 ¼" X 38"</b>
	<b>Micro-beveled edge – slight .2mm eased edge</b>
<b>Thickness:</b>	<b>15.9mm</b>
<b>Finish:</b>	<b>Proprietary Endura AR+ commercial finish with nano ceramic particulates for a harder surface coat- Solvent free, 100% solid, Non-off gassing</b>
<b>VOC Emissions:</b>	<b>Proprietary phenol resin adhesive used in manufacturing, the formaldehyde emission exceeds E0 standard 4~0.5mg/L, no urea formaldehyde, no halogenated hydrocarbons, herbicides, heavy metals and any harmful emissions [Compliance &lt;0.05ppm]</b>
<b>Slip Resistance:</b>	<b>Static Friction Coefficient 0.6; Dynamic Friction Coefficient 0.5</b>
<b>[ASTM D 2394]</b>	<b>ADA and OSHA compliant</b>
<b>Hardness</b>	<b>Natural Bamboo® flooring ranges from 1375 to 1800. Bamboo's hardness depends on the grain orientation and color chosen. Vertical grain bamboo is 5% harder than horizontal grain, and the natural color is harder than the caramelized.</b>
<b>Abrasion Resistance:</b>	<b>CS 17 wheel</b>
<b>[ASTM D 4060]</b>	<b>Taber abrasion average 22,600 cycles Final wear through: Minimum 48,500 cycles.</b>
<b>Density Impact:</b>	<b>Brinell rating of 14.3</b>
<b>Dimensional Tolerance:</b>	<b>.0075% I                      N/A w</b>
<b>Smoke Density:</b>	<b>Flaming 342 – Non-flaming 357</b>
<b>[ASTM E 662-05]</b>	
<b>Critical Radiant Flux:</b>	<b>0.49W/cm2 NFPA 101 Classification type 1</b>
<b>[ASTM E648-06]</b>	
<b>Flammability:</b>	<b>Passes "life Safety Codes"</b>
<b>Moisture Content:</b>	<b>&gt; 6 to &lt; 9%</b>
<b>[ASTM D 4442]</b>	
<b>Coefficient of Friction:</b>	<b>Slip Resistance- Dry 0.76 Wet 0.71</b>
<b>[ASTM C1028]</b>	
<b>Certified Manufacturing:</b>	<b>ISO 9001</b>
	<b>CARB Compliant</b>
	<b>Lacey Act Compliance</b>
	<b>COC – per compliance request</b>
<b>Green Build Statement:</b>	<b>Natural Bamboo floors contribute to satisfying LEED credits for Rapidly Renewable Resources [MR] and Low Emitting Materials [EQ] under the LEED Rating System. The determining factor for indoor air quality is t/he quantity of noxious emanations from volatile organic compounds in adhesives and finishes. Natural Bamboo® can also contribute to attaining points within the Environmental Quality section of the LEED Rating Systems as it uses adhesives that meet the SCAQMD rule #1168 and it contains no added urea-formaldehyde, as required by LEED. The LEED (Leadership in Energy and Environmental Design) Green Building Rating System is the nationally accepted benchmark for the design, construction, and operation of high performance green buildings as administered by U.S. Green Building Council. USFloors is a member of the USGBC.</b>