

# DURABELLA DESIGN A DECK

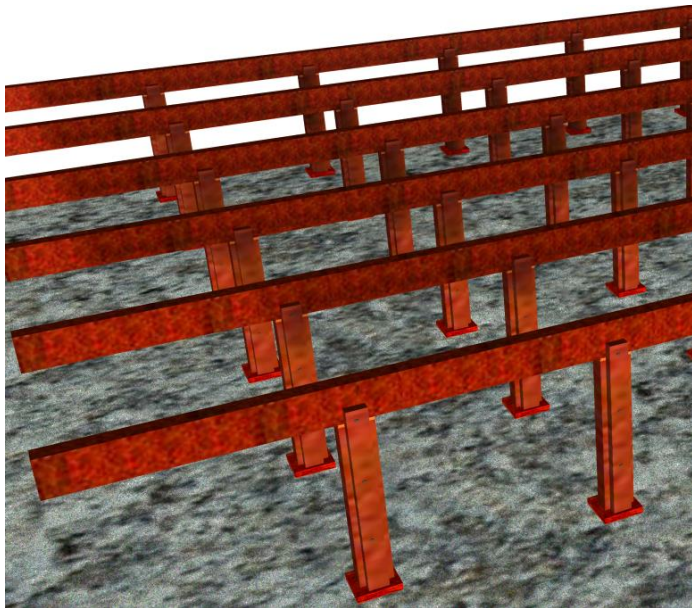
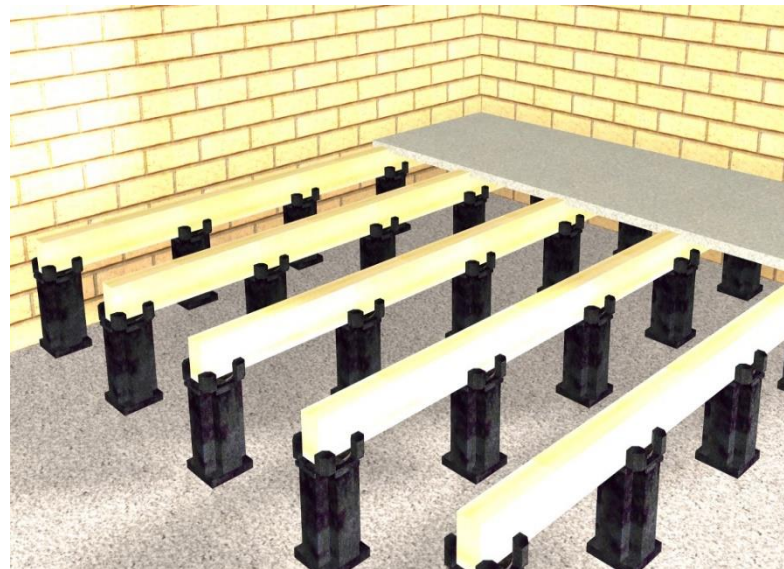
Designers, Manufacturers &amp; Suppliers of Quality Acoustic &amp; Sports Flooring Systems

## Data Sheet

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### DURABELLA BAMBOO RAISED FLOORING SYSTEMS

Bamboo is one of the fastest growing plants on earth. The bamboo stems grow from an underground root system and after 5 years a stem can be harvested, while the others continue to grow. This means the bamboo can be used without destroying the forest. After harvesting, the Moso bamboo stems are split and the outer skin is removed. By modifying the bamboo strips, the dimensional stability of bamboo is improved by circa 50%. The heat-treatment at 200°C also ensures protection against superficial fungi and provides the highest durability class possible. After compressing the heat-treated bamboo strips, the material is stronger and harder than almost any other hardwood.

**Standard Ultra Density Bamboo****Acoustic Ultra Density Bamboo****Hard & Durable**

The only bamboo decking with Class 1 durability (EN350) tested following CEN/TS 15083-2 (simulated graveyard test). Exceptionally hard: Brinell >9.5 kg/mm<sup>2</sup>.

**High Stability**

Far more stable than bangkirai (yellow balau) and other tropical hardwoods – enabling tongue and groove end-matched installation (impossible with any other hardwood).

**Easy to Install**

Very easy to install thanks to the fixed board length (1850 mm)

**FireProof**

Achieves fire safety class Bfl-s1 following EN 13501-1 facilitating application public projects.

**Economical**

Simple and fast installation: Up to 30% savings in costs! Reduced waste of material because of tongue and groove end-matched installation.

**Beautiful Appearance**

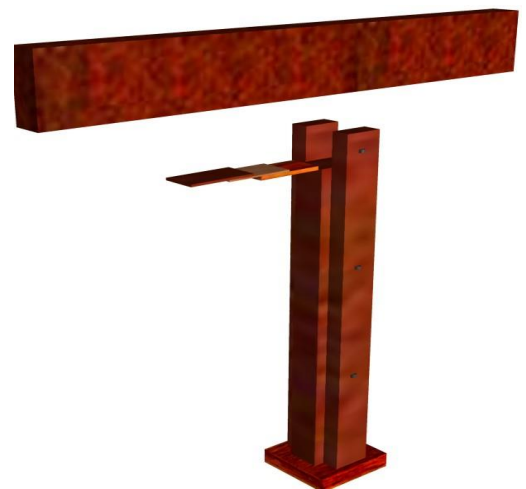
A beautiful, natural hardwood look. Choice of natural greying or keeping brown colour though maintenance.

**Endless Resource**

Made from Moso bamboo, the fastest growing plant on earth. Each stem can be harvested after 5 years, and the plant continues to grow.

**CO2 neutral**

Official LCA and carbon footprint studies (ISO 14040/44) confirm that Durabella Bamboo is CO<sub>2</sub> neutral over the full life cycle.

**Standard Bamboo Pedestal**