

# BAMBOO FLOORING

Technical Data - Plantation Range  
Conventional Bamboo



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## Technical Data - Plantation Range Conventional Bamboo

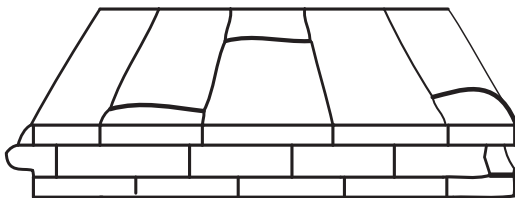
**User's Responsibility:** The information contained in this product Information and Material Safety Data Sheet is based on the information provided by the manufacturer and the experience of occupational health and safety professionals and comes from sources believed to be accurate or otherwise technically correct. It is the user's responsibility to determine if this information is suitable for their applications and to follow safety precautions as may be necessary. The user has the responsibility to make sure that this sheet is the most up-to-date issue.

### Colours

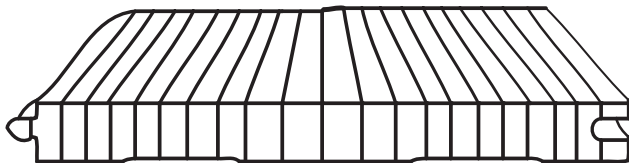
A wide range of colours and styles to select from including Caramel and Straw.

### Structure

Horizontal (top view)



Vertical (top view)



**Finish:** Matt, Semi-gloss/Satin and High Gloss

### Type and size

Standard 15mm(t) x 92 - 96mm(w) x 1850mm(l)

Wide 15mm(t) x 152 - 162mm(w) x 1850mm(l)

### Abrasion resistance:

Tested to ASTM C501 weight loss was 0.349 grams, the second most abrasive resistant commercial hardwood.

### Chemical and stain Resistance:

- 5% Acetic Acid unaffected
- 10% Ammonium Hydroxide unaffected
- 10% Hydrochloric Acid unaffected
- 3% Hydrogen Peroxide unaffected
- 1% Sodium Hydroxide unaffected

### Dimensional change co-efficient

00144 (50% more stable than Red Oak.)

### Slip resistance

Tested to ASTM D2047 = 0.71 co-efficient of friction

### Compressive strength

Tested to ASTM D3501 = 16,925 psi

### Tensile strength

Tested to ASTM D3500 = 15,290 psi

### Flammability

Tested to ASTM E648 critical radiant panel test class

### Moisture content

Tested to ATSM D4442 oven dry method 10% average

### Indentation resistance

Tested to ATSM 1037 Average Hardness of 1640

### Smoke density

Tested to ASTM E622 269 Flaming Mode and 329 Non Flaming

### Bending elasticity modulus

66,390KG/CM<sup>2</sup>

### Shear strength

Tested to British Standard 373 96KG/CM

### Density standard

GB/T4897-92 result 66G/CM<sup>3</sup>

### Elasticity modulus

Standard BG13123-91 result 7.6 x 10 MPA

### Breaking modulus

Standard LY1055-91 result 96.9 MPA

ASTM refers to American Standard Measures equivalent to testing methods used by the CSIRO

### Adhesive specifications

The adhesive used to adhere the bamboo strips lets off gasses 6.5 times less than allowed under strict European (EU) Standards. Bamboo only lets off 0.02mg of formaldehyde per cubic meter of air.



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