

# Eco Flooring Systems BT Bamboo Flooring Product Specification



## Eco Flooring Systems Pty Ltd

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## Exclusive supplier of BT Bamboo

### Applications

Interior commercial and domestic. BT Bamboo is not designed for exterior applications, bathroom or "wet areas"

### Technical Specifications

#### BT Bamboo Dimensions:

Wide board – 152mm (W) x 15mm (T) x 1830mm (L)

Narrow board - 90mm x 15mm x 900mm/1830mm

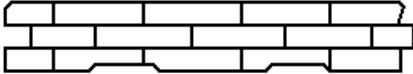
#### BT Bamboo Colours:

Light Sand and Carbonated Amber

#### BT Bamboo Construction:

- Horizontal (Wide board cross laminated)
- Vertical

#### Horizontal



#### Vertical



#### BT Bamboo Type:

Tongued and Grooved and End Matched

Micro bevel to top edges of pre-finished boards

Square edges to unfinished boards

#### Lamination Adhesive:

Dynea Prefere 6122, water based with hardener, non toxic

Contains no urea formaldehyde

#### Guarantee:

10 Years structural warranty

#### BT Bamboo Coatings:

- Satin aluminium oxide
- Gloss aluminium oxide
- Commercial textured aluminium oxide
- Unfinished – for on site coating

Finished with 7 layer Treffert coating system.

1. Hydro UV Barrier Coat
2. UV Duro Sealer
3. UV Duro Sealer
4. UV Sandable Sealer
5. UV Sandable Sealer
6. HPC Anti Scratch Top Coat
7. HPC Anti scratch Top coat

The coatings are water based and are free of halogenated hydrocarbons, heavy metals, herbicides, insecticides, pesticides, formaldehyde and any harmful emission complying with international standards

#### BT Bamboo Accessories:

Quarter Round 19mm x 19mm x 1830mm

Fillet mould 19mm x 5mm x 1830mm

Scotia mould 19mm x 19mm x 1830mm

Reducer 38mm x 15mm x 1830mm

Stair Nose 70mm x 19mm x 1830mm

T-Mould 45mm x 20mm x 1830mm

Skirting 80mm x 15mm x 1830mm

#### BT Bamboo Packing:

Wide Board: 7 pieces/box 1.947m<sup>2</sup>

Narrow: 24 pieces/box, 1.944 m<sup>2</sup>

Weight: Approx 10kg per m<sup>2</sup>

Accessories by the piece 1830mm length

#### BT Bamboo Hardness Comparison:

Janka Scale (NSW Forestry Commission)

Light Sand **8.5**

Carbonated Amber **6.8**

Jarrah 8.5

Cypress Pine 2.5

#### BT Bamboo Moisture:

10% +/- 2%

#### BT Bamboo Dimensional Stability:

Dimensional change co-efficient of 0.00144. 2.5 times more stable than commonly used timber flooring

#### BT Bamboo Flammability Tests AS/NZS1530.3.1999:

ISO 9239 CSIRO Fire Tests FNE 8182, FNR 8745

Ignitability index	15
Spread of Flame index	8
Heat Evolved index	7
Smoke developed index	3
Mean distance of flame travel	233.3mm
Average critical radiant flux	9.0kW/m <sup>2</sup>
Average smoke obscuration	27%

#### BT Bamboo Slip Resistance:

AS/NZS 4586:2004 CSIRO Tests SY1275

Satin COF ≥ .45 Class ZF

Gloss COF ≥ .5 Class ZF

Commercial coating COF ≥ .45 Class YF

Commercial coating Oil Wet Ramp test Class R10

#### BT Bamboo Quality Standards

The supplier of BT Bamboo is ISO 9001 certified, produced to ISO14001 and CE certified.

#### Installation:

Direct stick / secret nail to sub-floor

Flooring to be installed in accordance with Eco Flooring Systems Pty Ltd Installation instructions

#### Maintenance:

Refinishable

For details and installation shots visit our website:

[www.ecoflooring.com.au](http://www.ecoflooring.com.au)