



Conventional Bamboo flooring specifications

Colour

coffee, natural

Structure

horizontal and vertical

Finish

matt, semi-gloss, gloss

Type and size

Standard 15 x 92 x 1850

Wide 15 x 152 x 1850

Abrasion resistance:

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

Chemical and stain Resistance:

- a) 5% Acetic Acid unaffected
- b) 10% Ammonium Hydroxide unaffected
- c) 10% Hydrochloric Acid unaffected
- d) 3% Hydrogen Peroxide unaffected
- e) 1% Sodium Hydroxide unaffected

Dimensional change co-efficient 00144 (50% more stable than Red Oak.)

Lip 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/CM²

Shear strength Tested to British Standard 373 96KG/CM

Density standard GB/T4897-92 result 66G/CM³

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.