



BLUE EXCHANGE

EXPORTERS OF AFRICAN TIMBER

RHODESIAN TEAK



BAIKIAEA PLURIJUGA



RHODESIAN TEAK - BAIKIAEA PLURIJUGA

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Common Names

Rhodesian Teak

Zimbabwe Teak

African Teak

Mukusi

Zambian Teak

Zambezi Redwood



RHODESIAN TEAK - BAIKIAEA PLURIJUGA

Scientific Name: Baikiaea Plurijuga

Distribution: Primarily Zimbabwe (formerly Rhodesia), Namibia, Angola and other countries in Southern Africa

Tree Size: 15-20 Meters tall, 0.3-0.6 m) Trunk Diameter

Average Dried Weight: 890 kg/m³

Specific Gravity (Basic, 12% MC): .73, .89

Janka Hardness: 2,990 lbf / 13,300 N

Modulus of Rupture: 12,220 lbf/in² / 84.3 MPa

Elastic Modulus: 1,230,000 lbf/in² / 8.48 GPa

Crushing Strength: 9,600 lbf/in² / 66.2 MPa

Shrinkage: Radial: 2.6%, Tangential: 4.5%, Volumetric: 6.9%, T/R Ratio: 1.7

Colour/Appearance: Heartwood is a medium reddish brown, commonly with black streaks. Sharply defined sapwood is a pale pinkish yellow.

Grain/Texture: Grain is straight to interlocked, with a fine, even texture and low natural lustre.

Endgrain: Diffuse-porous; solitary and radial multiples; small to medium pores in no specific arrangement, moderately numerous; yellowish brown mineral/gum deposits present; parenchyma vasicentric, banded; narrow to medium rays, spacing normal to fairly close.



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Rot Resistance: Rated as very durable; good insect resistance.

Workability: Can be difficult to work because of high cutting resistance. Stable in service, and glues, turns, and finishes well.

Odour: No characteristic odour.

Sustainability: This wood species is not listed in the CITES Appendices, but is reported by the IUCN as being near threatened. Technically it doesn't meet the Red List criteria of a vulnerable or endangered species, but is close to qualifying and/or may qualify in the near future.

Common Uses: Furniture, flooring, veneer, millwork, fretboards, and turned objects.

Comments: Despite its common name, this wood species is not a true Teak (*Tectona* genus). However, much like genuine Teak, it does have good stability and rot resistance, and is considerably harder than genuine Teak. It has excellent wear-resistance in service, making it well suited for use as flooring or guitar fretboards. Luthiers sometimes refer to this wood as Mukusi or Zambian Teak



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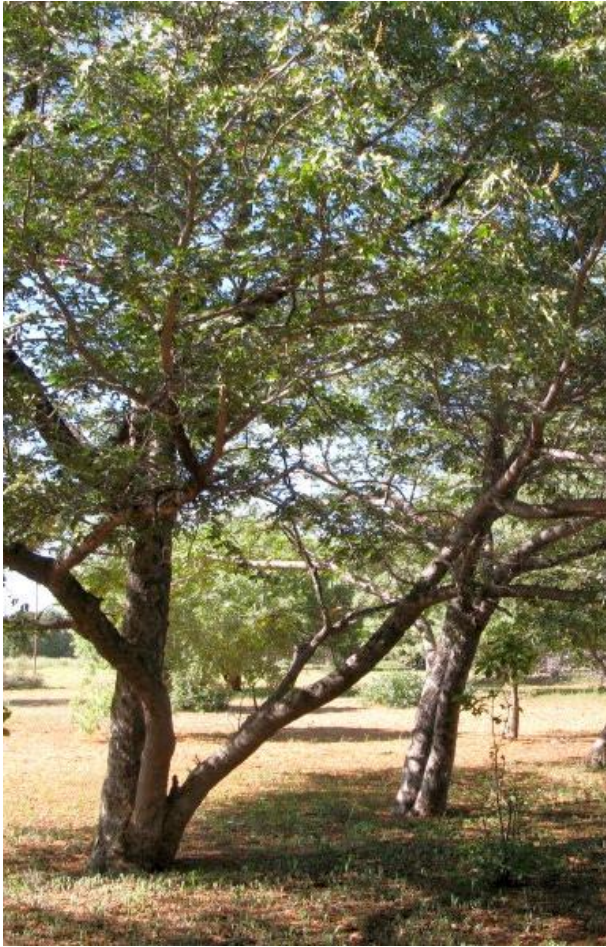
ENDGRAIN X 10

ENDGRAIN





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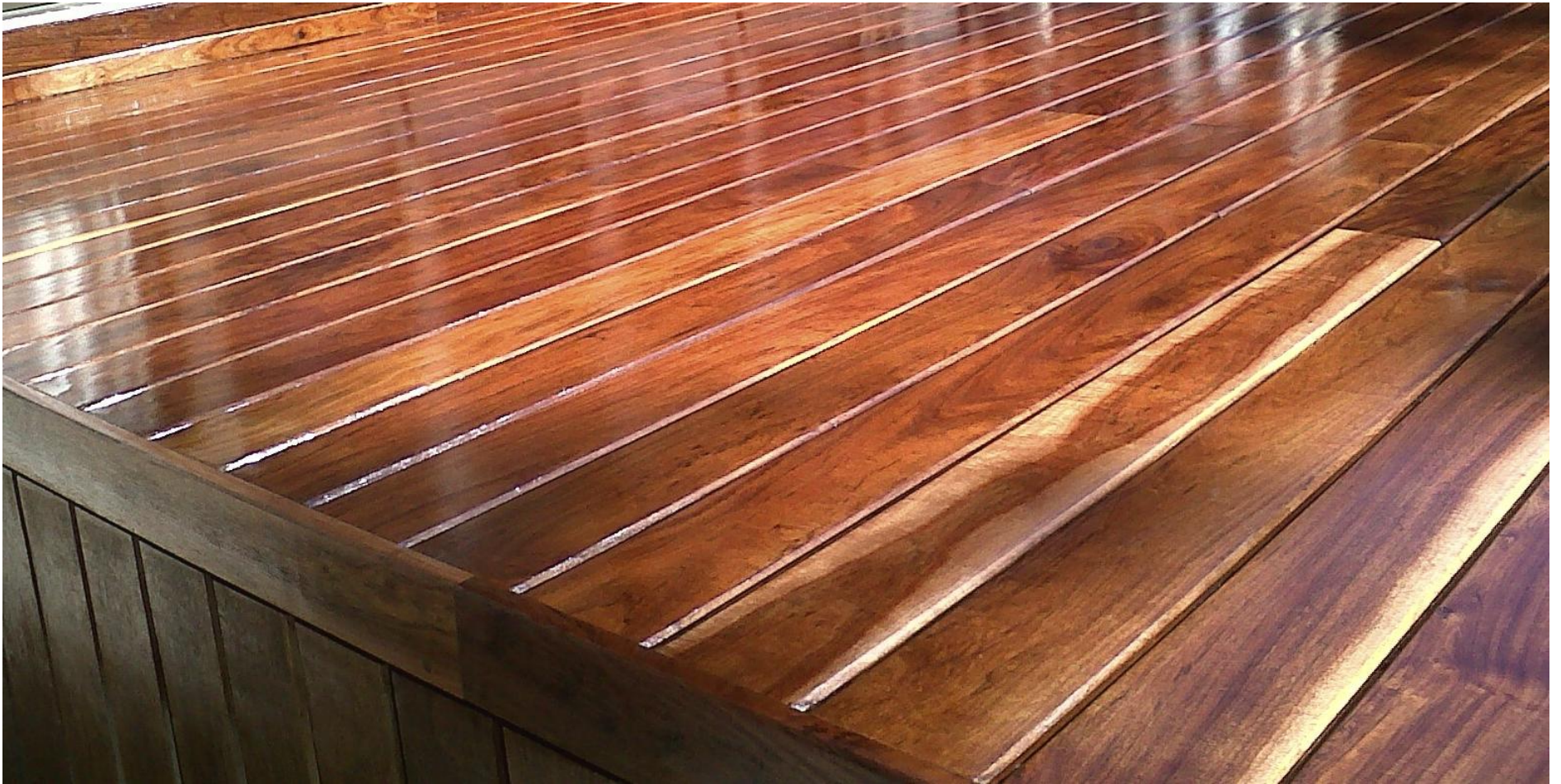


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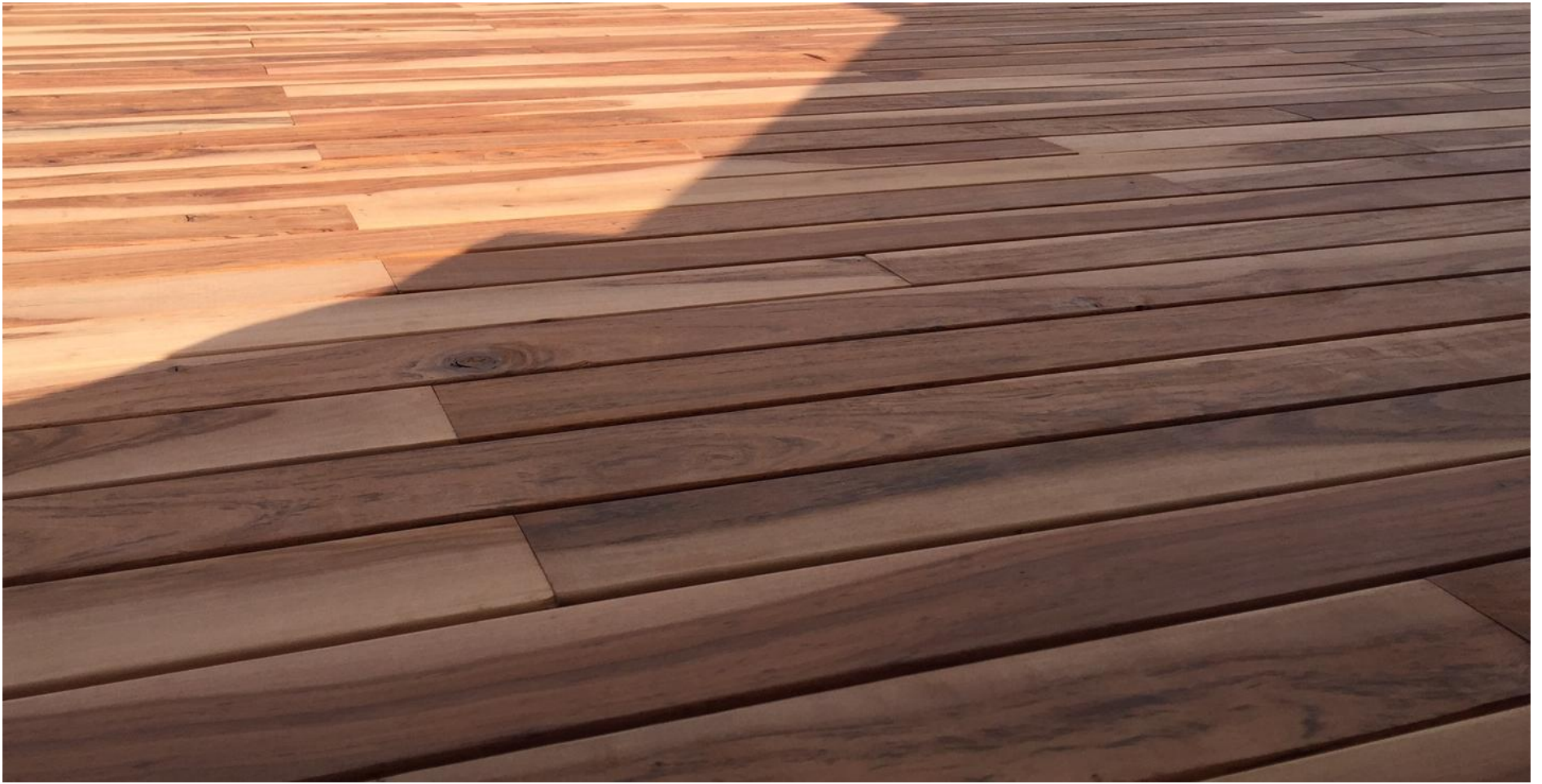


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