

Wallaba (South America)

Specification sheet



Wallaba

<u>Other Name(s):</u>	Apa, Copaibarana, Ituri Wallaba, Bioudou, Bijhout, Uapa, Apazeiro, Espadeira, Wapa, Walapa, Palo Machete
<u>Scientific Name:</u>	<i>Eperua falcata</i>
<u>Distribution:</u>	Guianas
<u>Average Dried Weight:</u>	928 kg/M3
<u>Durability:</u>	Very Durable
<u>Janka Hardness:</u>	1540 lb (unseasoned)
<u>Modulus of Rupture/Bending Strength</u>	(120 MPa)
<u>Modulus of Elasticity/ stiffness:</u>	(18.5 GPa)
<u>Strength Group:</u>	SD2

Seasoning:

- Dries very slowly.

Characteristics:

- The heartwood is dull reddish brown with darker markings due to resin.
- A very heavy hardwood with a coarse texture.

Working Qualities:

- Though the wood has a high density, it is easy to work with hand and machine tools; however, high gum exudation clogs saw teeth and cutters. Once kiln dried, gum exudates are not a serious problem in machining; glues and polishes well.

Uses:

- Remarkably well suited for use as transmission poles, flagpoles, and posts. Its good strength and durability qualify the timber for railway ties, shoring, bridge timbers, and mine timbers. In building construction it is used for foundations, sills, joists, framing, roofing, siding, and veranda posts. It is also used for vat staves, shingles, and paling. The high resin content of the wood makes it an excellent flooring material in chemical factories, mills and warehouses.

Product Attributes:

- A distinctive unique grain
- Wavy grained with coarse texture
- Very heavy & hard timber
- Decking available 140x25mm