



<b>Common Name(s)</b>	Cumaru, Shihuahuaco
<b>Scientific Name</b>	Dipteryx Odorata
<b>Distribution</b>	Central South America
<b>Average Dried Weight</b>	1085 kgs/M3
<b>Durability</b>	Very Durable
<b>Janka Hardness</b>	(14.8 kN)
<b>Modulus of Rupture/Bending Strength</b>	(175.1 MPa)
<b>Modulus of Elasticity/Stiffness</b>	(22.33 GPa)
<b>Crushing Strength</b>	(95.5 MPa)

### Sizes

- 25, 50 MM thicknesses.
- 100, 150, 200 MM widths.

### Seasoning

- Typically air-dried or kiln-dried to achieve optimal moisture content. It seasons slowly but evenly, with minimal risk of warping or splitting when proper methods are employed.

### Characteristics

- Ranges from reddish-brown to purplish-black, often with darker streaks. Sapwood is pale yellow and distinctly demarcated.
- Usually straight grained but can be interlocked, providing a striking appearance.
- Fine and uniform texture, with a natural luster.
- Exceptionally durable, highly resistant to decay, and impervious to insect attacks, including termites and marine borers.
- Extremely hard, providing excellent wear resistance.

### Working Qualities

- Difficult to machine due to its density and hardness, requiring high-quality tools. Carbide-tipped blades are recommended.
- Pre-drilling is essential due to its hardness and density.
- Can be challenging because of its oily nature; specialised adhesives may be required.
- Accepts finishes well, though its natural luster often makes additional finishing optional.

### Uses

- Flooring, heavy construction, docks, railroad ties, bearings, handles, and other turned objects.

### Product Attributes

- Highly resistant to decay and insect attacks, including termites and marine borers.
- Exceptional durability, even in extreme conditions.
- Striking aesthetic appeal with rich colours and fine texture.
- Low maintenance requirements when used externally.

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### Product Limitations

- High density makes machining and handling labour-intensive.
- Pre-drilling required for nailing and screwing.
- Oily nature can interfere with certain adhesives and finishes.

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