

Merbau

Instia Palembanica, Bijuga

Technical Information

Density (kg/m ³ dry)	830	Durable	Yes
Specific Gravity	0.83	Sapwood Lyctid Susceptible	Yes
Modulus of Rupture (MPa dry)	147	Machining	Good
Modulus of Elasticity (GPa dry)	18	Resistance to Split in Nailing	Fair
Radial Shrinkage %	1.5	Resistance to Split in Screwing	Good
Tangential Shrinkage %	2.5	Gluing	Good
Hardness (Janka) (kN)	9	Growing Region	Asia Pacific
Finish	Good		
Stability	Good	Availability	Available

Description

Sapwood is well defined and pale yellow in colour. Heartwood is yellowish to orange brown when fresh, weathering to brown or dark red brown.

Grain is interlocked. Texture is coarse but even. Growth rings are distinct.

Vessels are often filled with a yellow or a white deposit, which is conspicuous on surface. The dark brown gummy substance readily leaches out in water.

Also known as Kwila.

Suitability
Decking & Cladding
Flooring & Staircase
Furniture
Joinery