



Vitex

Vitex cofassus / species information

Native to the Solomon Islands, Vitex is a large canopy tree with a grey smooth bark. In the Pacific, it is held in high regard due to its durability and excellent steam bending and working properties.

With an attractive colour of pale yellow to creamy-grey, this wonderful hardwood is fast becoming a household name in New Zealand for a range of external applications.



Premium timbers that don't cost the earth

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Products / Vitex

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Residential Decking

With an attractive colour of pale yellowish to creamy-grey along with some dark chocolate brown boards, Vitex popularity for residential decking in New Zealand has exploded over the past few years. Vitex ages to an attractive silver colour and has Class 2 durability (25 years plus, above ground). Further benefits include its minimal bleeding of tannins (less staining of concrete and other hard surfaces) when compared to other hardwoods such as Kwila. Vitex's natural durability and stability coupled with Hermpac's innovative watershed profile make this timber ideal for any residential decking project.

Commercial Decking and Boardwalks

Boardwalks look fantastic in Vitex. Class-2 durability and a range of sizes and profiles, make it an ideal application. Talk to us about our machining and kiln drying facilities, depending on each boardwalk's requirement a range of custom finishes and sizes can be achieved.

Posts and Beams

Vitex popularity extends beyond a durable deck or boardwalk. Outdoor projects are taking on a seamless look when Vitex is used across a full spectrum including gazebos, handrails, posts, beams, pergolas and screening. Again our range of sizes, profiles and lengths are making this specie a first class choice.

Streetscaping

A leading choice for many commercial outdoor furniture manufacturers, Vitex ticks the boxes when it comes to minimal bleeding of tannins (compared to Kwila), stability, durability and a range of sizes.

Flooring

Flooring has a slightly rustic feel due to the light colour tones and natural surface crazing that occurs when Vitex is kiln dried. Coated with a clear polyurethane or oil will allow for the wonderful natural characteristic of the timber to really shine through.

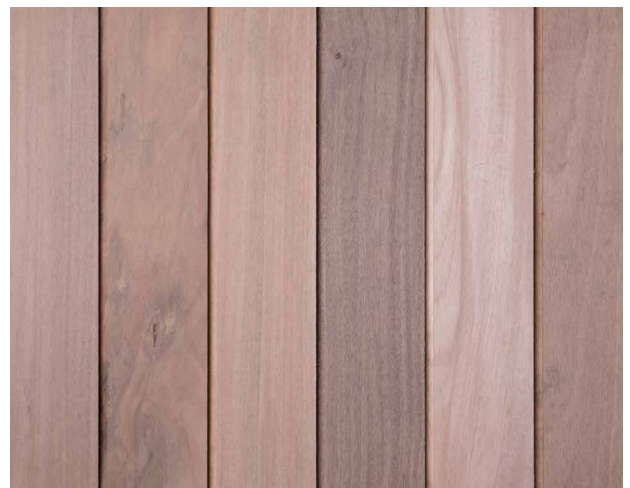
Technical Information

Hermpac Common Name	Vitex
Scientific Name	<i>Vitex cofassus</i>
Common Names	New Guinea Teak
Regions Of Distribution	Solomon Islands and Papua New Guinea
Heartwood Colour	Pale yellowish brown with grey tinge
Sapwood Colour	Pale yellow
Grades	Select & Better
Sizes	up to 250 x 50mm and 150 x 150mm
Lengths	up to 3.6m longer lengths available on request
Visual Grain	Medium - light, distinct in pieces
Natural Durability	Class 2* durable
Radial Shrinkage (Green To 12% Mc)	2.5%
Tangential Shrinkage (Green To 12% Mc)	5%

Mechanical Properties

	Green	Dry (12% Mc)
Modulus of Rupture ^(MPa)	74	108
Janka ^(kN)		5.0
Max Crushing Strength ^(MPa)	44	62
Static Bending Strength ^(MPa)	55	76
Shearing Strength ^(MPa)		16
Modulus of Elasticity ^(GPa)	11	13
Specific Gravity ^(kg/m³)	600	760
Weight ^(kg/m³)	810	705

Sample



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* Durability classes are based on Australian Standards AS5604-2005 and all the relevant information in the standard. The heartwood of an individual piece of timber may vary from the species nominated classification.