

KWILA DECKING

Botanical Name: *Intsia* spp
Other Names: Merbau (Malaysia), Vesi (Fiji)
Origin: Southwest Asia

General

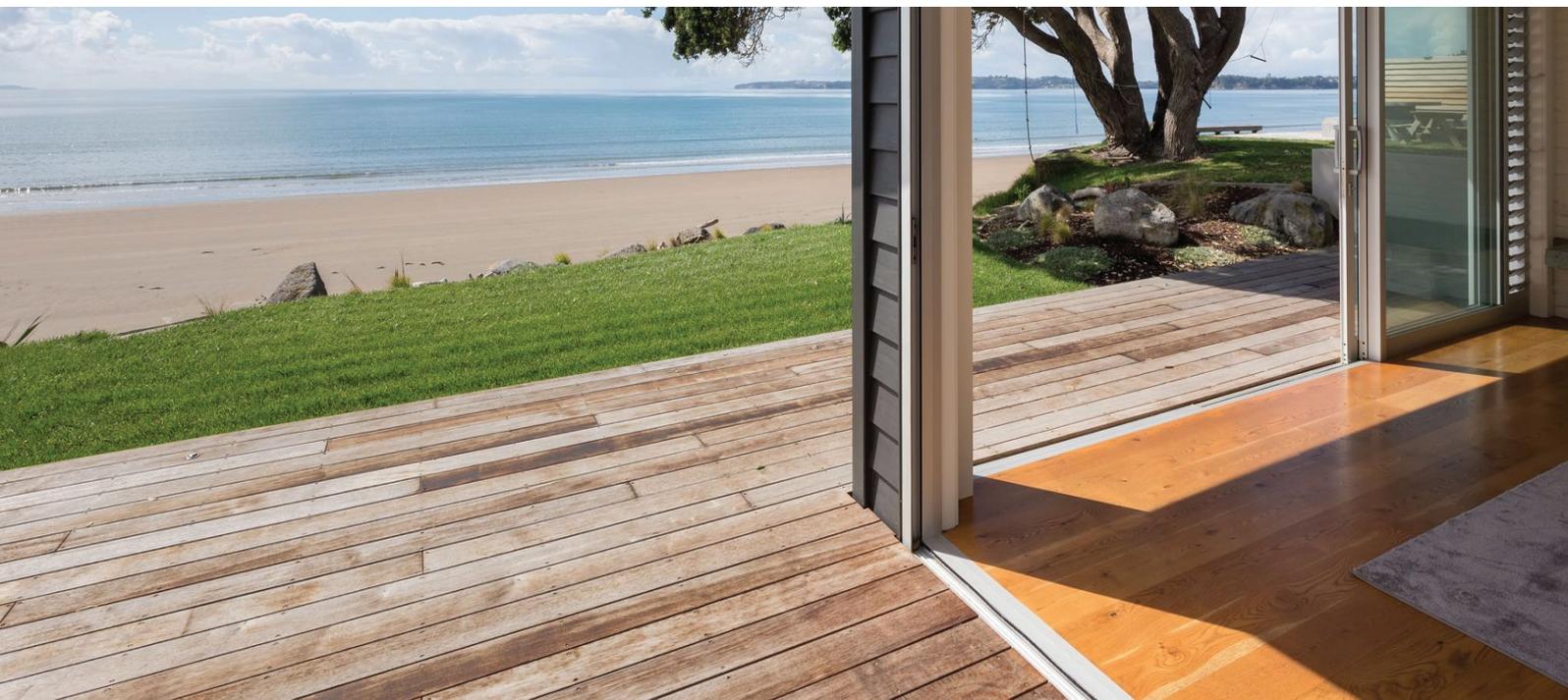
Certification: FSC®

Seasoning: The timber dries slowly without appreciable degrade but if submitted to rapid drying conditions, there is a definite tendency for end splitting and surface checking to occur. It has a low shrinkage factor.

Working Qualities: Saws well, however, with the fairly high incidence of gum, saws tend to become clogged. It planes well but there is a tendency for the grain to tear out in quarter-sawn material. A reduction in the cutting angle to 20° is beneficial. The wood tends to split when nailing but holds screws well and can be stained and polished reasonably well, however, patches of oil that exude may affect the finish. The yellow deposits are soluble in water and the dye produced does stain. If, however, early attention is given to any staining it can generally be removed by scrubbing with milk or lactic acid.

Uses: Very good heavy construction timber. Ideally suited for decking and outdoor furniture. It is also used in internal joinery and flooring, striking tool handles and carving.

Price (I-10): 4



Availability

Stocked: Yes

Grade Description: Available ex-stock in Kiln Dried sizes from 100x25 to 300x50mm, and Air Dried sizes 75x75 to 300x75mm.

Basic Info

Durability In Ground: Perishable/Non Durable

Durability Above Ground: Durable

Density Air Dry: 830 kg/m³

Shrinkage Radial: 2 %

Shrinkage Tangential: 3 %

Stability Kiln Dry: Very stable

Stability Green: Stable

Mechanical Properties

Janka Hardness: 8.6 kN

Modulus of Rupture: 147 MPa

Modulus of Elasticity: 18 GPa

Max Crush Strength: 81 MPa
