

KWILA SPECIFICATIONS



Common Name(s) : Kwila, Merbau

Botanical Name : Intsia bijuga, Intsia palembanica

DISTRIBUTION

The two very closely related species are widely distributed throughout Malaysia, Indonesia, Papua New Guinea, and the Pacific Islands (Fiji, Solomons, Vanuatu). The resource is not large, but international demand for the timber is high.

QUALITY STANDARDS AND GENERAL PROPERTIES

The timber is graded to Select grade only, and this grade excludes sapwood. Generally, lengths range from 1.8m to 4.8m, and most production tends to be heavy in the 3.0m to 3.6m length range. Lengths below 1.8m can be produced if required, as can limited volumes of lengths longer than 4.8m. The species contains a natural resin which will bleed and discolor the timber while it is drying. When dry, the timber will not bleed, and will naturally age to a silver grey color. Both green and dry Kwila machine and finish well.

TYPICAL END USE APPLICATIONS

Outdoor furniture, exterior joinery, flooring, exterior decking, a range of exterior uses (both structural and decorative) where stability and durability are important.

TECHNICAL DATA

Density	At 12% mc	725 - 900 kg/m ³
Shrinkage (Green to 12% mc)	Tangential	1.0% - 3.0%
	Radial	zero - 2.0%
Durability	Heartwood	Very durable
	Sapwood	Non durable
Stability	Green	Stable
	At 12% mc	Very stable

AVAILABILITY

Most sizes are readily available, and will continue to be so, with our ability to compete for supply internationally determining the volumes that we can source.