

Decking Species Guide

Technical Information



Purpleheart



Garapa



Vitex



Kwila

Density - KG/M3 (dry)	865	830	705	830
Durability	Class 1 (very durable) above ground*	Class 2 (durable) above ground*	Class 2 (durable) above ground*	Class 2 (durable) above ground*
Stability	3% Radial, 6% Tangential	3.5% Radial, 6.5% Tangential	2% Radial, 4% Tangential	1.5% Radial, 2.5% Tangential
Standard Sizes	65 x 19/21 90 x 19/21 140 x 19/21 140 x 30 *other sizes available on request	90 x 19/21 140 x 19/21 *other sizes available on request	65 x 19/21 90 x 19/21 115 x 19/21 140 x 19/21 140 x 30 *other sizes available on request	65 x 19/21 90 x 19/21 140 x 19/21 140 x 30 *other sizes available on request
Random Length Spread	0.9 - 5.4m (average 2.4 - 2.7m)	1.8 - 5.7m (average 3.0m*)	0.9 - 3.6/4.2m (average 2.1 - 2.4m)	0.9 - 3.6/4.2m (average 2.1-2.4m) Watershed Profile 1.8 - 5.7m (average 3.0m*)
Sustainability/Legality	Available as FSC Certified or VLO on request	Available as FSC Certified on request	Non Controversial	VLO/VLC Certified (Indonesian Stock)
Tannin Bleed	Colour - Light Red Amount - Minimal	Colour - Light Brown Amount - Minimal	Colour - Yellow/Green Amount - Moderate	Colour - Red/ Brown Amount - Substantial
Pinhole	Minimal but small volumes acceptable	Minimal but small volumes acceptable	Minimal but small volumes acceptable	Minimal but small volumes acceptable
Tight Bound Knots	Occasional	Occasional	Occasional	Occasional
Bark Encased Knots	Not allowable	Not allowable	Occasional	Not allowable
Surface Checking	May occur over time with some boards exhibiting raised grain**	Minimal but may occur over time**	Will occur either when timber is new or over time. Does not generally exhibit raised grain.**	Very minimal but may occur slightly over time.**
Black Marking and Spotting	Can occur as a reaction to lime and/or metal filings. Depending on severity it may be cleaned with deck cleaners.	Can occur as a reaction to metal filings, and/or site contamination. Depending on severity it may be cleaned with deck cleaners.	Can be inherent in the timber or as a reaction to site contamination. Depending on severity it may be cleaned with deck cleaners.	Can occur as a reaction to site contamination. Depending on severity it may be cleaned with deck cleaners.
Colour Consistency when freshly milled	Minimal variation	Minimal variation	Variable * Grey heart streak may be present	Minimal variation
Weathered Colour when exposed directly to the environment	Silver/ Grey	Silver/ Grey	Silver/ Grey	Silver/ Grey

* 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.

** Application of Wood-X Hardwood Decking Oil will assist to stabilise boards, minimise surface checking and other natural seasoning characteristics.

*** The time frame for decking to gradually change to its Weathered Colour (when left uncoated or coated with Wood-X Clear Base Hardwood Decking Oil) will vary, depending on the amount of direct exposure to the environment.

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Premium timbers that don't cost the earth

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