



PURPLEHEART

Peltogyne spp

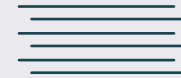


PREMIUM ARCHITECTURAL
& BUILDING SOLUTIONS

Durable decking timber



Unique aesthetics



Smooth texture &
machines well



Class 2 durability &
stable in service

Purpleheart is an extremely dense and very strong South American hardwood. It has been used in New Zealand for many years. JSC Purpleheart is FSC® 100% certified, ensuring it is sourced from responsibly managed forests. Purpleheart is one of the most durable exterior decking species and perfect for unique architectural projects.

Purpleheart usually has a straight grain, has a medium to fine texture, and a medium to high lustre.

The stages of the wood colour change:

1. Light brown when freshly cut
2. Turns a deep purple upon exposure
3. With exposure to weather it fades back to brown
4. Eventually turning to a dark brown before silvering off into a beautiful silver-grey colour after months of service

Note: if not UV exposed, the timber will remain purple in colour.



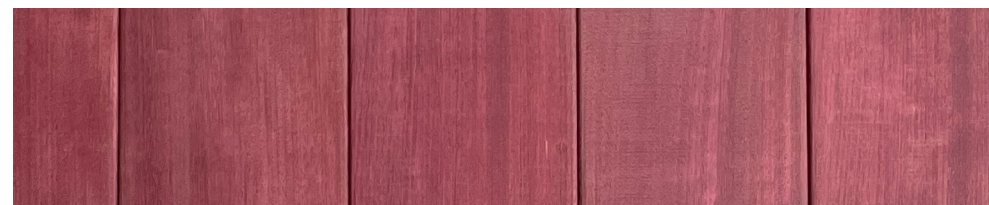
UV Exposed Purpleheart

PURPLEHEART APPLICATIONS

Purpleheart is an incredible timber with a magnitude of uses as it machines well, is easy to glue, takes finishes well, comes in many sizes and has a longer life span in comparison to other hardwoods.

- **Decking** - Purpleheart is the perfect decking choice for residential, commercial and boardwalk projects. It is renowned in NZ for its qualities and has been a popular choice as a decking timber in NZ. Available in *90×19mm & *140×19mm
- **Posts and Beams** - Purpleheart's inherent qualities makes it a perfect choice for pergolas, gazebos, rafters, and beams. Available in sizes up to *200×200mm
- **Commercial Projects** - Long life span and smooth fine texture that makes Purpleheart a sought after choice for commercial outdoor applications.

***Note:** Subject to availability and lead times.



TECHNICAL INFORMATION

Certification	FSC®
*Durability	Class 2
Grades	Clear grades

*Based on above ground applications; in-ground use reduces durability by one level. Durability classifications provide a useful comparative guide, however factors relating to specific installations and natural timber variation may result in some pieces falling outside the species' durability classification. Durability classification applies to heartwood only; sapwood is excluded.

Mechanical properties	Green	Dry
**Density (kg/m ³)	-	900-1100kg/m ³
Modulus of Rupture (MPa)	105	147
Modulus of Elasticity (GPa)	14	17
Hardness Janka (kN)	9.2	11

** Density (kg/m³) is an average indication only, measured at 12% moisture content (dry condition) and actual density may vary from piece to piece.

REFERENCES: CIRAD. (n.d.). Tropix CIRAD website. Retrieved December 9, 2024, from www.cirad.fr; Scion. (n.d.). Scion website. Retrieved December 9, 2024, from www.scionresearch.com; Bootle, K. R. (1983). Wood in Australia: Types, properties, and uses. McGraw-Hill.

Note: For comparable species speak to the JSC team about alternatives.

Disclaimer: The timber properties and product information provided in this document are intended as general guidelines only. Actual timber characteristics may vary due to origin, growth conditions, environmental influences, and natural variation. JSC has not conducted specific testing on the timber properties referenced; all figures are indicative only and have been sourced from external references cited within this document. Information relating to JSC products is necessarily general in nature and subject to variation in dimension, appearance, and specification, depending on natural factors, installation methods, or the specific application. Customers must independently verify all technical data and obtain professional advice to determine the suitability of any product for their particular purpose. The Customer is solely responsible for ensuring that the product is appropriate for its intended use. JSC does not accept any liability (including for negligence) for claims arising from reliance on this information, documentation, or other related materials.



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