

Purpleheart (Central American)

Specification sheet



PURPLEHEART

<u>Other Name(s):</u>	Amaranth, Violet Wood
<u>Scientific Name:</u>	Peltogyne spp.
<u>Distribution:</u>	Central America
<u>Average Dried Weight:</u>	905 kg/M3
<u>Durability:</u>	Very Durable
<u>Janka Hardness:</u>	11.19 (kN)
<u>Modulus of Rupture/Bending Strength</u>	(151.7 MPa)
<u>Modulus of Elasticity/ stiffness:</u>	(20.26 GPa)
<u>Strength:</u>	9 (on scale 1-10)

Seasoning:

- Dries fairly rapidly with little degrade.
- But care is needed to dry out the centre of thick pieces.

Characteristics:

- The heartwood is a deep purple-violet colour when freshly cut, maturing to dark brown.
- The original colour is restored when re-cut.
- Straight grained, but often irregular, wavy and sometimes interlocked, producing a pleasing striped figure on quartered surfaces.
- Texture moderate to fine.

Working Qualities:

- Wood turns well and smoothly.
- Pre-bore for nailing, glues without difficulty and stains and wax polishes easily.
- Spirit finishes remove the purple colour.

Uses:

- Although expensive, it is used for heavy constructional work, bridge building, fresh water piling, dock work, cladding, house construction and vats.
- Excellent for flooring and very suitable for gymnasium equipment, shafts, tool handles, boat building, turnery, furniture and billiard tables.
- Also as decorative veneers for inlaying and marquetry work etc.
- Best colour from sawcut as steaming affects the soluble phonicoin content.

Product Attributes:

- Large sizes available.
- No bleeding of stain.