

GREENHEART

Chlorocardium Rodiaei



PREMIUM ARCHITECTURAL
& BUILDING SOLUTIONS



Unyielding Strength For Maritime & Commercial Structures



Class 1 durability



Ideal for decks, bridges,
and other outdoor
structures



Natural resistance
to decay, insects,
and harsh weather

Greenheart is a tropical hardwood native to South America. It boasts exceptional durability and decay resistance. Its distinctive greenish-brown hue darkens over time, and dense grain, coupled with natural oils, makes it more resilient against insects and harsh weather.

Ideal for construction and marine applications, Greenheart is a sustainable choice for crafting long-lasting outdoor structures like docks and bridges, showcasing nature's capacity to provide robust resources.

TECHNICAL INFORMATION

Colour	Very thick sapwood, heartwood yellow brown to dark olive brown, with sometimes irregular darker veins.
Grain	Usually straight, even grain texture. Smooth uniform texture.
Durability	Class 1
Crushing Strength (MPa)	98MPa*
Modulus of Rupture (MPa)	217MPa*
Modulus of Elasticity (MPa)	30 400MPa*
Hardness/Janka (kN)**	10.49kN*
Uses	Bridges, sleepers, decking, poles etc. in freshwater/seawater areas

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

Disclaimer: JSC has endeavoured to ensure this information is accurate but recommends that for critical applications independent advice is obtained. These properties are only a guide, as timber is a natural product there will be variations within any species. * At 12% moisture content, with 1MPa = 1N/mm². ** The Janka Dry Hardness rating measures the hardness of the wood. The higher the rating the harder the wood. This information may be updated at any time.

GREENHEART INFORMATION SHEET | V1.1

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