

Greenheart

Durability class	Groenhart wood is classified in durability class 1.
Specific gravity	Fresh 1300 kg/m3. At 12% (950-)970-1020(-1200) kg/m3.
Colour	The heartwood of Demerara Groenhart is light to dark olive green, hence the name. This wood is sometimes marked by brown or black stripes.
Applications	Groenhart is mainly used for heavy construction work, waterworks, bridges and shipbuilding, lock gates and harbour works.
Strength class	D70.
Hardness	11100 N.
Grain	Straight, cross and tangled thread.
Timber texture	Fine.
Stability	Average.
Drying	The wood dries very slowly and surface cracks might appear during drying. However, drying is not necessary for most applications.
Workability	Due to its high density, demerara greenheart is quite difficult to work with. A smooth finish can be achieved with sharp tools.
Details	This tropical hardwood contains auto-protective toxic constituents, which makes it highly resistant to most shipworms. Exceptions are some brackish tropical shipworm species.
Screwing/nailing	Pre-drilling is necessary to avoid splitting.
Finishing of surface	Good, the surface finish of demerara green heart is very good.
Botanical name	Chlorocardium rodiei
Origin area	Tropical South America. Greenheart wood originates from Suriname.
Other names	Demerara greenheart
Background information	This hardwood falls under the Ipé group, which contains various species with various properties.
Quality requirements	Greenheart is mentioned in the NEN 5493 'Quality requirements for hardwood in earth, road and hydraulic engineering works and other construction applications.
Remarks	Want to know the current price of Greenheart hardwood? Please contact us. We only supply FSC® certified Groenhart for responsible forest management.
Family	Lauraceae