

## Greenheart

<b>Durability class</b>	Groenhart wood is classified in durability class 1.
<b>Strength class</b>	D70.
<b>Applications</b>	Groenhart is mainly used for heavy construction work, waterworks, bridges and shipbuilding, lock gates and harbour works.
<b>Specific gravity</b>	Fresh 1300 kg/m <sup>3</sup> . At 12% (950-)970-1020(-1200) kg/m <sup>3</sup> .
<b>Colour</b>	The heartwood of Demerara Groenhart is light to dark olive green, hence the name. This wood is sometimes marked by brown or black stripes.
<b>Details</b>	This tropical hardwood contains auto-protective toxic constituents, which makes it highly resistant to most shipworms. Exceptions are some brackish tropical shipworm species.
<b>Grain</b>	Straight, cross and tangled thread.
<b>Timber texture</b>	Fine.
<b>Stability</b>	Average.
<b>Drying</b>	The wood dries very slowly and surface cracks might appear during drying. However, drying is not necessary for most applications.
<b>Hardness</b>	11100 N.
<b>Workability</b>	Due to its high density, demerara greenheart is quite difficult to work with. A smooth finish can be achieved with sharp tools.
<b>Screwing/nailing</b>	Pre-drilling is necessary to avoid splitting.
<b>Finishing of surface</b>	Good, the surface finish of demerara green heart is very good.
<b>Botanical name</b>	Chlorocardium rodiei
<b>Origin area</b>	Tropical South America. Greenheart wood originates from Suriname.
<b>Other names</b>	Demerara greenheart
<b>Background information</b>	This hardwood falls under the Ipé group, which contains various species with various properties.
<b>Quality requirements</b>	Greenheart is mentioned in the NEN 5493 'Quality requirements for hardwood in earth, road and hydraulic engineering works and other construction applications.
<b>Remarks</b>	Want to know the current price of Greenheart hardwood? Please contact us. We only supply FSC® certified Groenhart for responsible forest management.
<b>Family</b>	Lauraceae