

# WOOD SPECIE GREENHEART



\*Wood is a natural material, actual colours & textures may vary.

## PROFILE

<b>BOTANICAL NAME</b>	Handroanthus spp.
<b>ORIGIN</b>	South America
<b>COLOR</b>	A wide range of color, from reddish brown to olive & dark brown
<b>AVERAGE DRIED WEIGHT</b>	1,000-1,100 kg/m <sup>3</sup>
<b>JANKA HARDNESS</b>	15,620 N
<b>DURABILITY</b>	★★★★★
<b>STRENGTH GRADING</b>	HS Grade <sup>1</sup>

## PERFORMANCE

Depending on the application, natural degradation, installation and maintenance, the wood performance is subjected to different stress and wear. The hardness of wood, natural compounds, width of boards, surface treatment and installation method will affect the stability and durability as well. With Wood-Ideas's full suite of timber system, the durability of wood can be well-maintained.

Use class by natural durability	<b>Class 5<sup>2</sup></b>
Resistance to marine borers	✓
Exposed to salt water	✓
Abrasion resistance	✓
Fungi resistance	<b>Class 1<sup>3</sup></b>
Termite resistance	<b>Class D<sup>3</sup></b>
Resistance to insect & rot	✓
Resistance to decay	✓

<sup>1</sup> HS Grade - Hardwood Structural. British Standard BS 5756 - Specification for visual strength grading of hardwood

<sup>2</sup> Use class according to European standard EN 335 - class 5 (wood is permanently or regularly submerged in salt water), class 4 (wood is in contact with the ground/freshwater), class 3 (wood is above ground & exposed to weather)

<sup>3</sup> According to European standard EN 350 - class 1 (very durable) to class 5 (not durable) class D (durable), M (moderately durable), S (susceptible)

## APPLICATIONS

Marine Construction  
 Decking Poles Shipbuilding  
 Hydraulic works Fenders  
 Lock gates Heavy carpentry  
 Windows & doors Bridges  
 Pillings **and more**

(can be immersed in water naturally)



Reference Source: TROPIX 7 | WOOD DATABASE | UK ENVIRONMENT AGENCY