

WOOD SPECIE

TEAK



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

PROFILE

BOTANICAL NAME	Tectona grandis
ORIGIN	Asia
COLOR	Golden or medium brown
AVERAGE DRIED WEIGHT	655 kg/m ³
JANKA HARDNESS	4,740 N
DURABILITY	★★★★★
STRENGTH GRADING	HS Grade ¹

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	Class 4 ²
Resistance to marine borers	✓
Abrasion resistance	✓
Fungi resistance	Class 1-3 ³
Termite resistance	Class M ³
Resistance to insect & rot	✓
Resistance to decay	✓

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

² 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)

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

APPLICATIONS

Shipbuilding Decking
 Outdoor furniture Boat facilities
 Exterior Panelling Bridges
 Heavy carpentry Poles
 Flooring and stairs Turnings
 Exterior joinery **and more**

(can be immersed in water naturally)



The mark of responsible forestry



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