WOOD SPECIE **EKKI**





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

PROFILE

BOTANICAL NAME ORIGIN COLOR

AVERAGE DRIED WEIGHT JANKA HARDNESS **DURABILITY** STRENGTH GRADING

Lophira alata

Africa

Heartwood is a dark reddish or violet

brown. Pores contain light-colored mineral

1,065 kg/m

14,330 N



HS Grade¹

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.

Class 4-5 ²
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✓
✓
Class 2 ³
Class D ³
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¹ HS Grade - Hardwood Structural, British Standard BS 5756 - Specification for visual strength grading of hardwood



The mark of ponsible forestry



APPLICATIONS

Marine Construction

Decking Poles Shipbuilding

Hydraulic works Stairs

Heavy carpentry Bridges

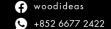
Pillings House frame

and more

(can be immersed in water naturally)

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







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)