

WOOD SPECIE

EKKI



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

PROFILE

BOTANICAL NAME

Lophira alata

ORIGIN

Africa

COLOR

Heartwood is a dark reddish or violet brown. Pores contain light-colored mineral

AVERAGE DRIED WEIGHT

1,065 kg/m³

JANKA HARDNESS

14,330 N

DURABILITY

★★★★★

STRENGTH GRADING

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.

Use class by natural durability	Class 4-5²
Resistance to marine borers	✓
Exposed to salt water	✓
Abrasion resistance	✓
Fungi resistance	Class 2³
Termite resistance	Class D³
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

Marine Construction

Decking Poles Shipbuilding

Hydraulic works Stairs

Heavy carpentry Bridges

House frame Pillings

and more

(can be immersed in water naturally)



The mark of responsible forestry



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