

Acajou

ORIGIN

Côte d'Ivoire, Camaroon, Ghana, Gabon, Nigeria, Central African Republic, Angola, Congo

SCIENTIFIC NAME

Khaya ivorensis, Khaya anthotheca, Khaya grandifoliola

COMMON NAMES

Acajou D'Afrique, Acajou Bassam, Acajou Blanc

FAMILY

Meliacea

SAPWOOD

Clearly demarcated

HEARTWOOD

COLOUR: Red brown

VEIN: Slightly interlocked

GRAIN: Medium

TEXTURE: Fine



PHYSICAL PROPERTIES

Green wood density (kg/m³): 650 - 850

Density at 12% (kg/m³): 570

Total tangential shrinkage (t%): 5,5

Total radial shrinkage (r%): 3,7

Coeff. of volumetric shrinkage (v%): 0,39

Crushing strength (n/mm²): 46

Bending strength (n/mm²): -

Static bending strength (n/mm²): 77

Modulus of elasticity (n/mm²): 11.820

Monnin hardness: 2,5

TRANSFORMATION

SAWING: Good, with ribbon like aspect on quarter sawn

DRYING RATE: Rapid, slight risk of distortion and checking

MACHINING: Hard due to interlocked grain

FINISHING: Good

GLUING: Good

NAILING: Good

SCREWING: Good

USE CLASS ENSURED BY NATURAL DURABILITY

Class 2

Inside or under cover

END-USE

Furniture

Interior carpentry

Plywood

Wainscots