

Bosse

ORIGIN

Central and Western Africa

SCIENTIFIC NAME

Guarea cedrata, Guarea laurentii, Guarea thompsonii

COMMON NAMES

Bosse, Guarea

FAMILY

Meliaceae

SAPWOOD

Clearly demarcated

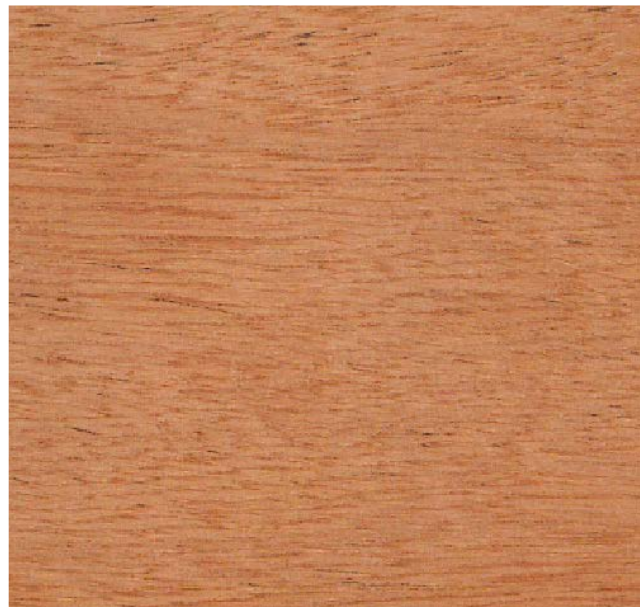
HEARTWOOD

COLOUR: Pinkish brown

VEIN: Straight or interlocked

GRAIN: Fine, homogenous

TEXTURE: Fine



PHYSICAL PROPERTIES

Green wood density (kg/m³): 850-1.000

Density at 12% (kg/m³): 630

Total tangential shrinkage (t%): 6,8

Total radial shrinkage (r%): 4,1

Coeff. of volumetric shrinkage (v%): 0,45

Crushing strength (n/mm²): 56

Bending strength (n/mm²): -

Static bending strength (n/mm²): 96

Modulus of elasticity (n/mm²): 12.650

Monnin hardness: 4.2

TRANSFORMATION

SAWING: Good but requires specific tools

DRYING RATE: Medium, slight risk of distortion and checking

MACHINING: Hard due to interlocked grain, specific tools are required

FINISHING: Good, pre-boring is necessary

GLUING: Good

NAILING: -

SCREWING: -

USE CLASS ENSURED BY NATURAL DURABILITY

Class 3

Not in ground contact, outside

END-USE

Cigarette Boxes

Sculptures

Turned

Shipbuilding

Furniture

Plywood

Decorative Panels

Interior and exterior carpentry

Floors