

## Kosipo

### ORIGIN

Côte d'Ivoire, Camaroon, Zaire, Nigeria, Ghana, Angola

### SCIENTIFIC NAME

Entandrophragma candollei

### COMMON NAMES

Lifuco, Impompo, Omu, Heavy Sapelle

### FAMILY

Meliaceae

### SAPWOOD

Clearly demarcated

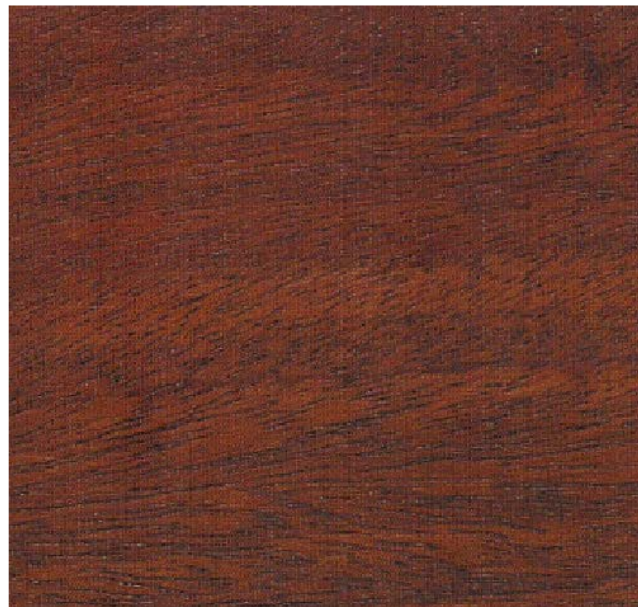
### HEARTWOOD

COLOUR: Red brown

VEIN: Straight or interlocked

GRAIN: Medium

TEXTURE: Fine



### PHYSICAL PROPERTIES

Green wood density (kg/m<sup>3</sup>): 850 - 950

Density at 12% (kg/m<sup>3</sup>): 690

Total tangential shrinkage (t%): 6,7

Total radial shrinkage (r%): 4,8

Coeff. of volumetric shrinkage (v%): 0,42

Crushing strength (n/mm<sup>2</sup>): 53

Bending strength (n/mm<sup>2</sup>): -

Static bending strength (n/mm<sup>2</sup>): 87

Modulus of elasticity (n/mm<sup>2</sup>): 11.190

Monnin hardness: 3,3

### TRANSFORMATION

SAWING: Good, but requires specific tools

DRYING RATE: Normal to slow, high risk of distortion and slight risk of checking

MACHINING: Hard due to interlocked grain

FINISHING: Good, pre-boring is necessary

GLUING: Good

NAILING: Good

SCREWING: -

### USE CLASS ENSURED BY NATURAL DURABILITY

Class 3

Not in ground contact, outside

### END-USE

Interior and exterior carpentry

Plywood

Living room

Roof tiles

Furniture