

Sipo

ORIGIN

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

SCIENTIFIC NAME

Entandrophragma utile

COMMON NAMES

Utile, Asseng-Assie, Kalungi, Mufumbi, Assi

FAMILY

Meliaceae

SAPWOOD

Clearly demarcated

HEARTWOOD

COLOUR: Red brown

VEIN: Slightly interlocked

GRAIN: Fine to medium

TEXTURE: Medium



PHYSICAL PROPERTIES

Green wood density (kg/m³): 850 - 950

Density at 12% (kg/m³): 620

Total tangential shrinkage (t%): 6,4

Total radial shrinkage (r%): 4,6

Coeff. of volumetric shrinkage (v%): 0.42

Crushing strength (n/mm²): 56

Bending strength (n/mm²): -

Static bending strength (n/mm²): 91

Modulus of elasticity (n/mm²): 13.240

Monnin hardness: 3,0

TRANSFORMATION

SAWING: Good

DRYING RATE: Normal, 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: Good

USE CLASS ENSURED BY NATURAL DURABILITY

Class 3

Not in ground contact, outside

END-USE

Stairs

Wainscots

Decorative veneer

Windows