

## Movingui

### ORIGIN

Côte d'Ivoire, Camaroon, Ghana, Nigeria, Gabon, Equatorial Guinea

### SCIENTIFIC NAME

*Distemonanthus benthamianus*

### COMMON NAMES

Barre, Ayan, Eyen

### FAMILY

Fabaceae-Caesalpiroideae

### SAPWOOD

Clearly demarcated

### HEARTWOOD

COLOUR: Yellow to yellow brown

VEIN: Interlocked

GRAIN: Medium

TEXTURE: Fine and glossy



### PHYSICAL PROPERTIES

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

Density at 12% (kg/m<sup>3</sup>): 730

Total tangential shrinkage (t%): 5,8

Total radial shrinkage (r%): 3,6

Coeff. of volumetric shrinkage (v%): 0,54

Crushing strength (n/mm<sup>2</sup>): 64

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

Static bending strength (n/mm<sup>2</sup>): 116

Modulus of elasticity (n/mm<sup>2</sup>): 14.740

Monnin hardness: 5,6

### TRANSFORMATION

Sawing: Good, but requires specific tools

Drying rate: Medium, slight risk of distortion and 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 2

Interior or outside

### END-USE

Interior and exterior carpentry

Floors

Veneers

Stairs

Items that require arching