

## Padouk

### ORIGIN

Africa and Asia

### SCIENTIFIC NAME

Pterocarpus soyauxii, Pterocarpus osun

### COMMON NAMES

Padouk, Tacula

### FAMILY

Fabaceae

### SAPWOOD

Clearly demarcated

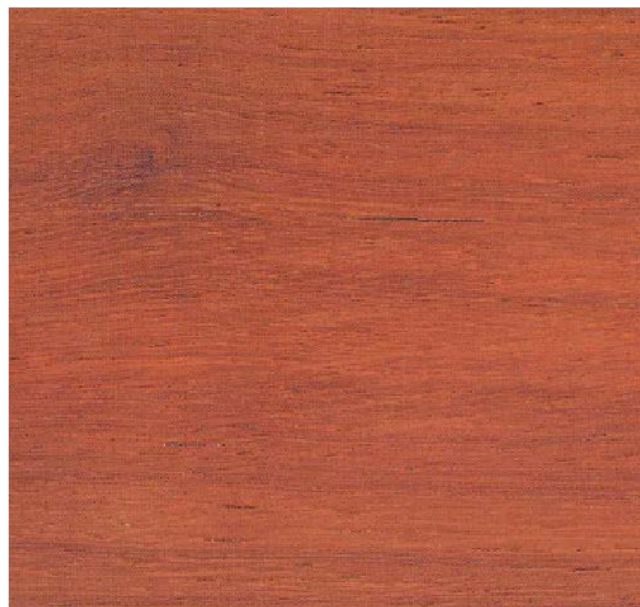
### HEARTWOOD

COLOUR: Red

VEIN: Straight

GRAIN: Regular

TEXTURE: Coarse



### PHYSICAL PROPERTIES

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

Density at 12% (kg/m<sup>3</sup>): 790

Total tangential shrinkage (t%): 5,0

Total radial shrinkage (r%): 3,2

Coeff. of volumetric shrinkage (v%): 0,44

Crushing strength (n/mm<sup>2</sup>): 65

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

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

Modulus of elasticity (n/mm<sup>2</sup>): 15.870

Monnin hardness: 8,3

### TRANSFORMATION

SAWING: Medium, requires specific tools

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

MACHINING: -

FINISHING: -

GLUING: Regular

NAILING: Good, pre-boring is necessary

SCREWING: Good, pre-boring is necessary

### USE CLASS ENSURED BY NATURAL DURABILITY

Class 4

In ground or fresh water contact

### END-USE

Hydraulic construction

Premium furniture

Industrial flooring

Beams

Heavy carpentry

Shipbuilding

Bridges

Stairs

Sculpture

Chairs