



ANGELIM VERMELHO

Family

Mimosaceae

Other Names

Gurupa, Angelim falso, Angelim ferro, Angelim pedra, Faveira grande, Faveira preta, Parakwa

Scientific Names

Dinizia excelsa

Source

South and Central America

Wood Appearance

The wood is red brown and the sapwood is clearly demarcated. The grain is straight or interlocked and the texture is medium. Hollow tree is very common. Unpleasant odour when green or rewetted. Density at 12 % moisture content: 1.07 g/cm³.

Working Properties

The blunting effect is fairly high and peeling and slicing is not recommended or without interest. Requires power. Nailing is good but pre-boring is necessary. Gluing is correct for interior only. Gluing must be done with care (very dense wood). It dries normal to slowly and kiln drying must be handled slowly and carefully. Air drying prior to kiln drying is recommended.

Durability

Angelim vermelho is very durable to fungi and is durable to dry wood borers; sapwood demarcated (risk limited to sapwood). Due to its high specific gravity and hardness, this species naturally covers the biological hazard class 5 (end-uses in marine environment or brackish water).

Uses

Angelim Vermelho can be used for several applications:

- interior: e.g. industrial or heavy flooring, stairs
- exterior: e.g. posts, ship building, bridges

References

- CIRAD Forestry Department