

# Sapelli

Entandrophragma cylindricum Sprague



Danzer Group



Sapelli is a great alternative to genuine mahogany (Swietenia Macrophylla ) as it is similar in colour and grain, offering large and regular volume

A large tree up to 60 m high and 6 m in girth with an average exploitable girth of 3,50 m

It has small buttresses and a long clear bole. Three distinct and characteristic bark types have been noted and these are thought to be associated with site and age.

Origins: West Africa, Central Africa

Sapelli Processing	Sawing	Drying	Machining	Wood bending	Gluing	Nailing	Finishing
Solid Wood	Easy Blunting effect = Slight	Medium to rapid Risks of distortion = High Risks of checking = Slight	Difficulties due to irregular grain	Difficult	Good	Holding Properties = Good	Good

## Properties

### Wood:

There is a distinct pale sap ring, up to 7 cm thick, and the heartwood is pinkish-red when freshly cut darkening to a rich, red-brown. The texture is fine, and there is a pronounced cedar-like scent absent in the other species of Entandrophragma when freshly cut. The wood has no distinct taste

### Durability:

Moderately resistant

### Strength properties:

in bending strength, stiffness and resistance to shock loads, the wood is comparable to oak. It is much harder than Mahogany.

### Working qualities:

Saws easily and cleanly with little waste and works fairly easily with hand and machine tools, though the interlocked grain may be troublesome in planing and moulding. It takes nails, screws and it glues well. It takes a high polish.

### Uses:

Gifted with both strength and appearance, the timber has a wide range of uses.

- It is used for high class furniture, domestic flooring, panelling, shop and window fittings, fittings in railway coaches and ships saloons, etc.
- It is already widely used for decorative veneering, generally sliced to show the narrow "pencil" stripe which is so characteristic of the species
- It is also used for rotary cut plywood
- It is used for high-class interior joinery and all general cabinet working purposes.