

# Iroko (West Africa)

Specification sheet



## IROKO

<b><u>Other Name(s):</u></b>	Odum
<b><u>Scientific Name:</u></b>	<i>Chlorophora excelsa</i>
<b><u>Distribution:</u></b>	West Africa
<b><u>Average Dried Weight:</u></b>	655 kg/M3
<b><u>Durability:</u></b>	Durable
<b><u>Janka Hardness:</u></b>	5.6 (kN)
<b><u>Modulus of Rupture/Bending Strength</u></b>	( 87.6MPa)
<b><u>Modulus of Elasticity/ stiffness:</u></b>	(9.38GPa)
<b><u>Strength group:</u></b>	SD6

### Seasoning:

- Requires reasonable care in kiln drying to avoid degrade

### Characteristics:

- It is variable in colour from yellow to fairly dark brown.
- Grain is typically interlocked.
- Texture is medium to coarse and even.
- It has neither taste nor odour.
- Darkens with age.

### Working Qualities:

- Works with moderate ease with most hand and machine tools and finishes well.
- Stone-like calcareous deposits are sometimes present and these may cause damage to cutting edges.
- In planning quarter sawn material the cutting angle should be reduced to 15° to avoid picking-up the grain.
- It nails, screws, and glues well.
- Although requiring a grain filler the wood takes stain well and gives good results with polish.
- It can be cut into veneer and it has moderate steam-bending qualities.

### Uses:

- It is suitable for high grade joinery, interior fittings, window frames, doors, staircases, heavy furniture and laboratory benches, bank and shop fittings, boat and vehicle building, wagon work and flooring.
- It is also suitable for piling, dock and other constructional work.

### Product Attributes:

- Durable utility timber.  
Yellow brown timber, darkening with age.
- Machines well with care.
- Takes stains and polish well but may need grain filling.



