



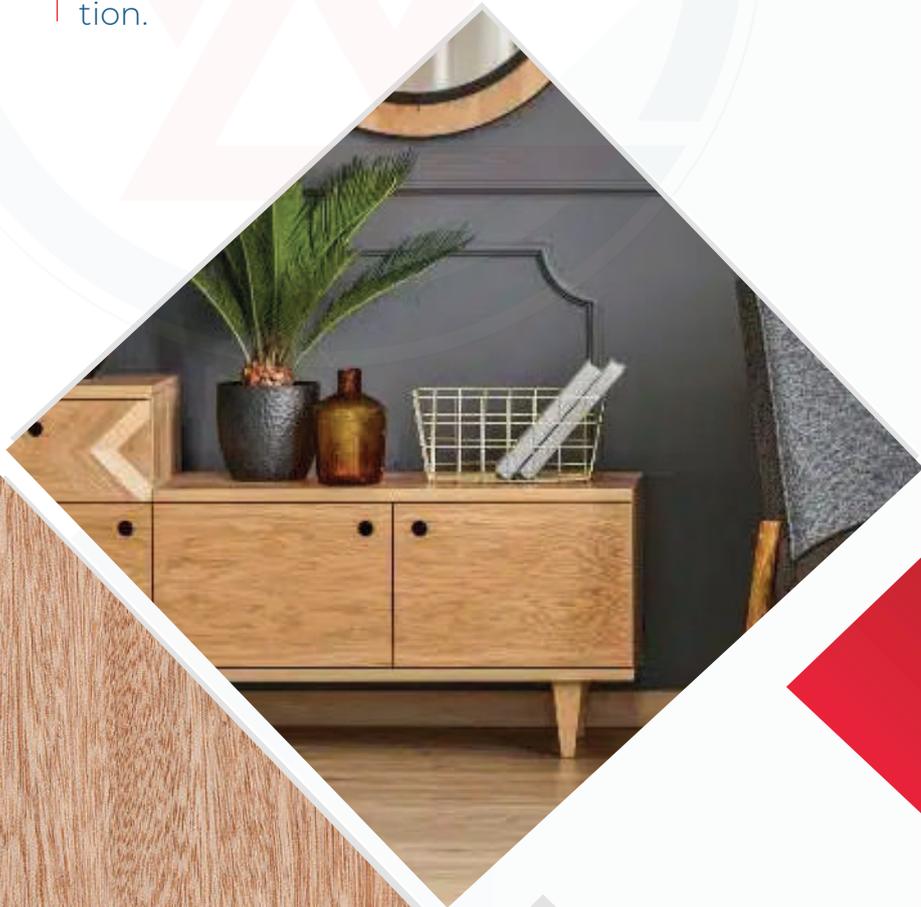
LUMBER WORLD

'A Destination for your Imagination'

OKOUME

Okoume wood, with its heartwood ranging from pale pink to light brown, is a versatile material prized for its resemblance to mahogany. Although commercially named Gaboon mahogany, it bears no relation to African or New World mahogany species. The grain is generally straight to wavy or slightly interlocked, accompanied by a medium texture and a pleasing natural luster. It glues and finishes well, and has high silica content which makes the wood durable.

Despite its commercial importance in Gabon, where it is a principal timber species, Okoume is primarily sold as veneer or plywood in North America, with exports of both veneer and solid lumber being more common in Asia and Europe. Sustainability concerns arise as it is listed as vulnerable on the IUCN Red List, reflecting a population decline of over 20% due to habitat reduction and exploitation.





OKOUME

SPECIFICATIONS

| | |
|----------------------------------|---|
| Common Name(s) | Okoume, gabon |
| Scientific Name | Aucoumea klaineana |
| Distribution | Central Africa (primarily Gabon) |
| Tree Size | 100-130 ft (30-40 m) tall, 3-6 ft (1-1.8 m) trunk diameter |
| Average Dried Weight | 27 lbs/ft ³ (430 kg/m ³) |
| Specific Gravity (Basic, 12% MC) | 0.35, 0.43 |
| Janka Hardness | 400 lbf (1,790 N) |
| Modulus of Rupture | 10,870 lbf/in ² (75 MPa) |
| Elastic Modulus | 1,228,000 lbf/in ² (8.47 GPa) |
| Crushing Strength | 5,250 lbf/in ² (36.2 MPa) |
| Shrinkage | Radial: 4.6%, Tangential: 7.1%, |
| Volumetric | 12.2%, T/R Ratio: 1.5 |