

## GHANA COMMERCIAL TIMBER — SPECIES, PROPERTIES, TYPICAL DIMENSIONS & PACKING (REPRESENTATIVE LIST)

Note: This document lists commonly traded Ghanaian timber species with summarized properties and typical sawn-size and packing examples. Properties and uses are sourced from GhanaTimber.org, TimberTradePortal, PROTA, Wood-database, and trade reports. Dimensions and packing examples are typical and should be confirmed with suppliers.

Trade Name	Botanical Name	Density / Key Properties & Uses (summary)	Typical Sawn Sizes (examples)	Packing / Export Notes (examples)
African Mahogany (Khaya)	Khaya ivorensis / Khaya anthotheca	Density ~420–570 kg/m <sup>3</sup> . Straight to interlocked grain; used for furniture, joinery, veneers, boatbuilding. Dries well but may warp; moderate durability. (GhanaTimber; PROTA).	Common export sawn thicknesses: 25 mm, 50 mm; widths 100–300 mm; lengths 2.4–3.0 m. (Export samples).	Often bundled and kiln-dried for export; examples show 25/50 mm KD FAS bundles. Confirm with supplier. (trade manifests).
Sapele	Entandrophragma cylindricum	Density ~640–750 kg/m <sup>3</sup> . Attractive figure, used for veneers, high-grade furniture, flooring; fairly hard and heavy. (Wood-Database; GhanaTimber).	Typical sawn sizes: 25–75 mm thickness; lengths commonly 2.4 m and up.	Sawn bundles on pallets or strapped bundles; veneer logs exported for rotary/sliced veneer processing.
Wawa / Abachi	Triplochiton scleroxylon	Lightweight ( $\approx$ 400–500 kg/m <sup>3</sup> ), pale sapwood, medium-coarse texture; used for plywood, utility furniture, interior joinery. (PROTA; TimberTeam).	Common sizes 18–38 mm thickness; lengths 2.1–3.0 m.	Often exported as sawn boards in bundled packs; lightweight containers hold larger piece counts.

Odum	<i>Milicia excelsa</i> ( <i>Chlorophora excelsa</i> )	Dense and durable; highly valued for heavy construction, exterior joinery, boatbuilding; good durability against decay. (GhanaTimber).	Typical sawn thicknesses 25–75 mm; lengths 2.4 m+.	Exported as quality sawn timbers or air/kiln-dried bundles; heavier species require proper stacking and strapping.
Afzelia / Papao	<i>Afzelia africana</i>	Heavy, durable heartwood; used for decking, heavy construction, durable joinery and flooring. (GhanaTimber).	Common thicknesses 25–50 mm; lengths 2.4–3.0 m.	Often exported KD in strapped bundles; used where durability is needed.
African Walnut / Bibolo	<i>Lovoa trichilioides</i>	Medium weight (~520 kg/m <sup>3</sup> ). Decorative, good for veneer, flooring, furniture. (GhanaTimber).	Typical: 25–50 mm thickness; lengths 2.4 m+.	Veneer-grade logs or sawn timber; handle as decorative product for veneer slicing.
Teak	<i>Tectona grandis</i>	Durable, stable, high-value for exterior decking, furniture, boatbuilding; good natural oils and decay resistance. (TimberTradePortal).	Common sawn sizes: 25–50 mm; lengths 2.4–3.0 m.	Typically kiln-dried and packed on pallets; high-value timber often shipped with fumigation/heat-treatment certificates.
Rosewood / Kpatro	<i>Pterocarpus erinaceus</i>	Hard, durable, used for furniture, flooring, and specialty uses; some rosewood species are CITES-listed—check regulations. (TimberTradePortal).	Sawn thickness commonly 25–50 mm; lengths 2.4 m+.	Export controls may apply; check destination country restrictions before shipping.
Limba /	<i>Terminalia</i>	Medium weight, good for joinery, furniture,	Typical sawn sizes 18–50	Commonly exported as

Ofram	superba	plywood, and veneers; workable and fairly stable. (GhanaTimber).	mm; lengths 2.1–3.0 m.	sawn bundles; used in general joinery markets.
Ceiba / Fromager	Ceiba pentandra	Very light timber (low density), used for floatation, low-weight panels, and where lightness is needed. (TimberTradePortal).	Often sawn thin (18–25 mm) for panels and crates.	Low-weight shipments can be packed densely; used in panels and door cores.
Afromosia	Pericopsis elata	High-quality timber similar to teak; durable and used for high-end furniture, flooring and marine uses. (GhanaTimber).	Common sawn sizes 25–50 mm; lengths 2.4 m+.	High-value—requires CITES checks in some cases and careful certification.
Aniegre	Aningeria spp.	Light-to-medium density; used for furniture, veneer, and general joinery. (GhanaTimber).	Typical sawn 18–38 mm; lengths 2.4 m+.	Common sawn bundles for export; veneer-grade logs for slicing.
Gmelina	Gmelina arborea	Fast-growing plantation species, light to medium density; used for furniture, plywood, and construction. (TimberTradePortal).	Often sawn in 18–38 mm thicknesses; lengths 2.1–2.7 m.	Often sold domestically and for regional export in bundled packs.
Doussie (African Afzelia)	Afzelia spp.	Hard, durable, used in heavy construction, decking, and joinery. (GhanaTimber).	Typical thicknesses 25–50 mm; lengths 2.4 m+.	Exported as heavy sawn timber, KD where required.
Limba (additional note)	Terminalia superba	Also sold as Ofram/Limba; used widely in furniture, veneers and construction.	See Limba/Ofram row above.	See Limba/Ofram row above.

(GhanaTimber).

Sources (representative):

- GhanaTimber.org (Ghana Wood Products database)
- TimberTradePortal (Overview of Ghana timber sector)
- PROTA (Plant Resources of Tropical Africa species datasheets)
- The Wood Database and trade manifest samples (export listings showing typical sawn sizes and bundle examples)

Disclaimer: Dimensions and packing examples are typical export examples derived from trade manifests and industry samples (e.g., common sawn thicknesses 25 mm and 50 mm; common lengths 2.4–3.0 m). Always confirm exact dimensions, moisture content (air-dry vs kiln-dry), and packing/heat-treatment requirements with your supplier and the destination country's import rules.