

ATOZ WOOD COMPANY

TECHNICAL DATA SHEET

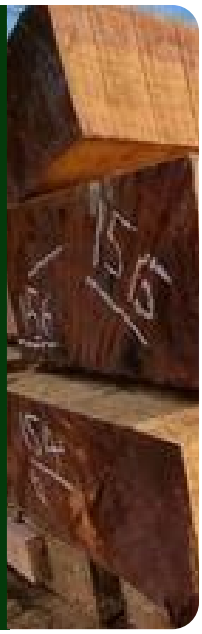
- MAHOGANY (KHAYA SPP. / SWIETENIA SPP.) -

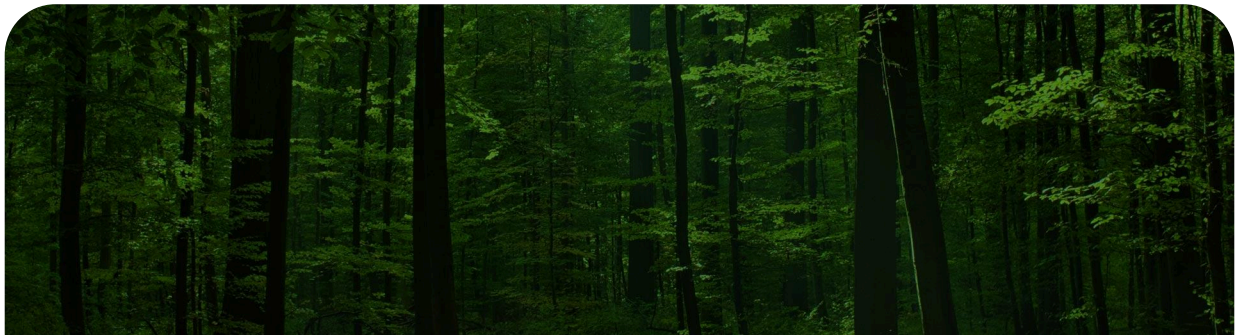
CONTACT INFORMATION

ASPECT	DETAIL
WEBSITE	WWW.ATOZWOODCOMPANY.COM
EMAIL	INFO@ATOZWOODCOMPANY.COM
PHONE	+237 681 25 6934
DATA SHEET DATE	03/31/2023
WOOD SAMPLE	

SPECIES IDENTIFICATION & GENERAL CHARACTERISTICS

Trade Name	African Mahogany / Genuine Mahogany
African Species	Khaya Ivorensis, Khaya Senegalensis, Khaya Anthotheca
American Species	Swietenia Macrophylla, Swietenia Mahagoni
Origin	Africa, Central & South America
Sapwood	Pale Yellow To Light Brown
Color	Light Pinkish-Brown To Deep Reddish-Brown
Grain	Straight To Interlocked
Texture	Medium
Hardness	Medium Hardwood
Movement	Low-Medium
Drying	KD 10–14%; Good Drying Properties
Surface:	Smooth With Classic Mahogany Sheen





PHYSICAL CHARACTERISTICS

PROPERTY	VALUE
DENSITY (SPECIFIC GRAVITY):	500–650 KG/M³
DENSITY AT 12% HUMIDITY (MV12):	~580 KG/M³
COEFF. OF VOLUMETRIC SHRINKAGE:	0.43
FIBER SATURATION POINT:	23–25%
TOTAL TANGENTIAL SHRINKAGE (TS)	4.1%
TOTAL RADIAL SHRINKAGE (RS)	2.8%
TS/RS RATIO	1.46
SLIP RESISTANCE	R9–R10

DURABILITY

PROPERTY	CLASSIFICATION
USE CLASS:	CLASS 3
FUNGI RESISTANCE:	CLASS 2-3
TERMITE RESISTANCE:	CLASS M
MARINE BORER RESISTANCE	LOW
TREATABILITY	CLASS 2

PRODUCT USE & AVAILABILITY

Mahogany Wood Is Ideal For Furniture, Joinery, Doors, Veneers, Interiors, Boats, Instruments.

Available In:	Natural Wood, Decking, Cladding
Certifications:	Subject To Availability
Minimum Order:	35CBM
Supply Ability:	21000m3/-Month

HANDLING, STORAGE, AND RECYCLING

ASPECT		INSTRUCTION
• Safety:	⟶	Wood Dust May Irritate; Use PPE.
• Storage:	⟶	Keep Dry And Shaded.
• Recycling:	⟶	Suitable For Reuse Or Energy Recovery.
• Maintenance:	⟶	Oil Or Polish To Enhance Color.

WHY GLOBAL BUYERS CHOOSE ATOZ WOOD COMPANY



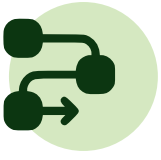
Variety Of Products



Sustainable Supply
And Reasonable Price



High Quality Products



Easy Ordering Process



Loyal Vendor And Thousands
Of B2B Partners All Over
The World.



Order By Air Or By Sea
Based On Incoterm
2010.

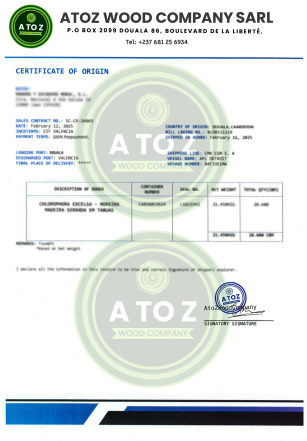
WE PROVIDE CUSTOMERS WITH ALL THE NECESSARY DOCUMENTS, INCLUDING–



(CITES)



(FSC)



(CERTIFICATE OF ORIGIN)



(Phytosanitary Certificate)



(ISO)



(Fumigation)



(PACKING LIST)



Certification Subject To Availability

Indonesian LEGAL Wood

FSC

EU TR

FLEGT licensed timber

PAYMENT TERM:

1. Cash In Advance: Half The Payment Is Made Upfront, And The Rest Is To Be Paid Upon Delivery. The Percentage Of Cash To Be Paid In Advance Is Negotiable.

2. Atoz Wood Comapny Accepts Payment By T/T, Bank To Bank Transfer For New Buyers And Letter Of Credit For Loyal Old Customers.

WE PROVIDE MAJOR EXPORT CERTIFICATES SUCH AS

- ○ Commercial Invoice
- ○ Packing List
- ○ Bill Of Lading
- ○ Phytosanitary Certificate
- ○ Kiln-Drying Certificate
- ○ Certificate Of Origin
- ○ Insurance Certificate
- ○ CITES
- ○ Fumigation Certificate (If Required)
- ○ Inspection Reports

DISCLAIMER

AtoZ Wood Company Declines Responsibility For Errors Or Future Revised Technical Values From Research Institutes. Specifications Vary By Region And Processing