



ATOZ

WOOD COMPANY

TECHNICAL DATA

● CUMARU TIMBER ●

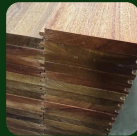
CONTACT INFORMATION

ASPECT

- WEBSITE
- EMAIL
- PHONE
- DATA SHEET DATE
- WOOD SAMPLE

DETAIL

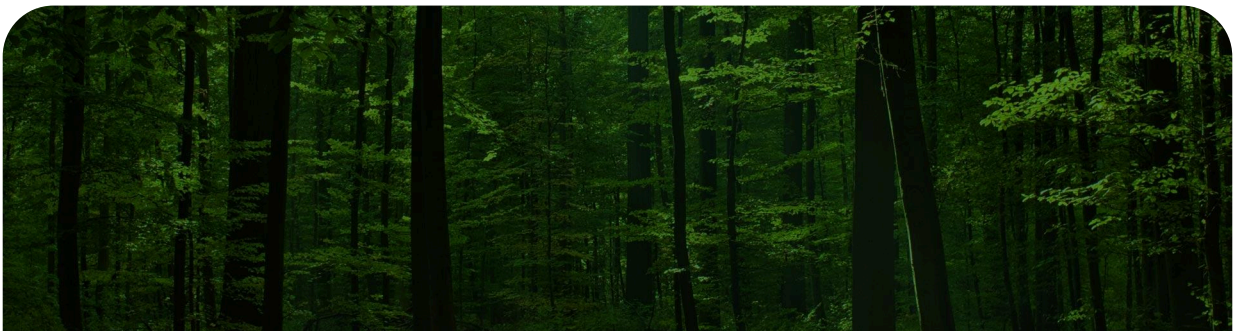
- WWW.ATOZWOODCOMPANY.COM
- INFO@ATOZWOODCOMPANY.COM
- +237 681 25 6934
- 03/31/2023



SPECIES IDENTIFICATION & GENERAL CHARACTERISTICS

- TRADE NAME
- LATIN NAME
- ORIGIN
- SAPWOOD
- COLOR
- GRAIN
- TEXTURE
- HARDNESS
- MOVEMENT
- DRYING
- SURFACE

- CUMARU, BRAZILIAN TEAK
- DIPTERYX ODORATA
- NORTHERN SOUTH AMERICA
- DISTINCTLY DEMARCATED
- MEDIUM TO DARK BROWN
- INTERLOCKED GRAIN
- MEDIUM TEXTURE
- JANKA: ~14,800N / 3,330 LBF
- MEDIUM TO HIGH
- DRIES SLOWLY
- POLISHES TO HIGH SHEEN



PHYSICAL CHARACTERISTICS

PROPERTY	VALUE
• DENSITY (SPECIFIC GRAVITY)	• 1,000 – 1,100 KG/M ³ (1.00-1.10)
• DENSITY AT 12% HUMIDITY (MV12)	• ~1,070 KG/M ³
• COEFF. OF VOLUMETRIC SHRINKAGE	• 0.52 – 0.56%
• FIBER SATURATION POINT	• 24 – 26%
• TOTAL TANGENTIAL SHRINKAGE (TS)	• 8.4 – 9.1%
• TOTAL RADIAL SHRINKAGE (RS)	• 5.0 – 5.5%
• TS/RS RATIO	• ~1.65
• CRUSHING STRENGTH	• 90 – 105 MPA

DURABILITY

PROPERTY	CLASSIFICATION	NOTES
• USE CLASS	• CLASS 4-5	Exterior Ground & Marine Contact
• FUNGI RESISTANCE	• CLASS 1	Very Durable
• TERMITE RESISTANCE	• CLASS D	Highly Resistant
• DRY WOOD BORERS	• DURABLE	Heartwood Immune To Borer Attacks
• TREATABILITY	• CLASS 4	Extremely Impermeable

Notes On Durability: The Duration Of Performance May Be Modified By The Situation In Service (As Described By Standard NF EN 335-2 Of January 2007).

PRODUCT USE & AVAILABILITY

Heavy-Duty Exterior Decking, Boardwalks, Marine Piling, Docks, Heavy Structural Timber, High-Traffic Commercial Flooring, Railway Ties, And Turned Goods.

Available Forms:	Exterior Decking Boards, Square Edged Timber, Heavy Beams, Sawn
Certifications:	FSC / EUTR / IBAMA Certified
Minimum Order:	18 CBM
Supply Ability:	2,000 M ³ /Month

HANDLING, STORAGE, AND RECYCLING

ASPECT	INSTRUCTION
• Machining	• Blunts Tools Rapidly Due To Extreme Density And Interlocked Grain; Carbide-Tipped Tooling Mandatory.
• Fastening	• Exceptional Screw Holding Power; Pre-Drilling And Countersinking Strictly Required.
• Weatherability	• Outstanding Natural Resistance To Rot, Weathering, Marine Borers, And Heavy Mechanical Wear.
• Finishing	• Resins May Retard Drying Of Oil-Based Finishes; Solvent-Wiping Prior To Gluing/Finishing Recommended.

WHY GLOBAL BUYERS CHOOSE ATOZ WOOD COMPANY



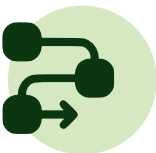
Variety Of Products



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)



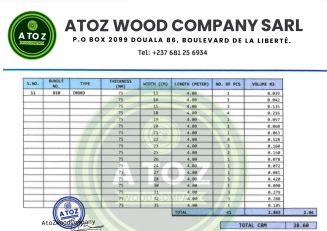
(Phytosanitary Certificate)



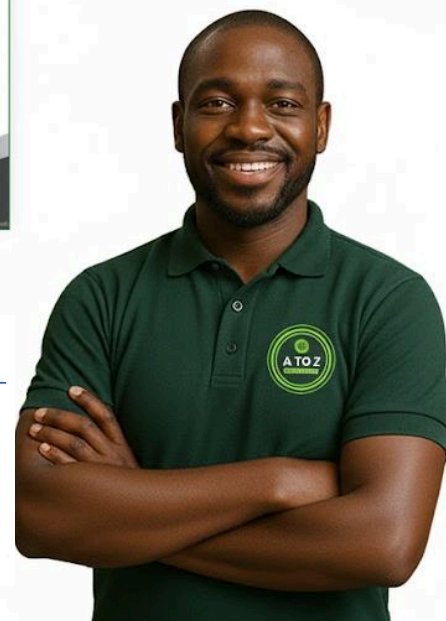
(Fumigation)



(ISO)



(PACKING LIST)



Certification Subject To Availability



EUTR

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 All Responsibility In The Event Of An Error Or In The Event Of A Reassessment Of The Technical Characteristics Mentioned In The Document By CIRAD After Publication Of The Species Sheets