



ATOZ

WOOD COMPANY

TECHNICAL DATA

• MERBAU TIMBER •

CONTACT INFORMATION

ASPECT

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

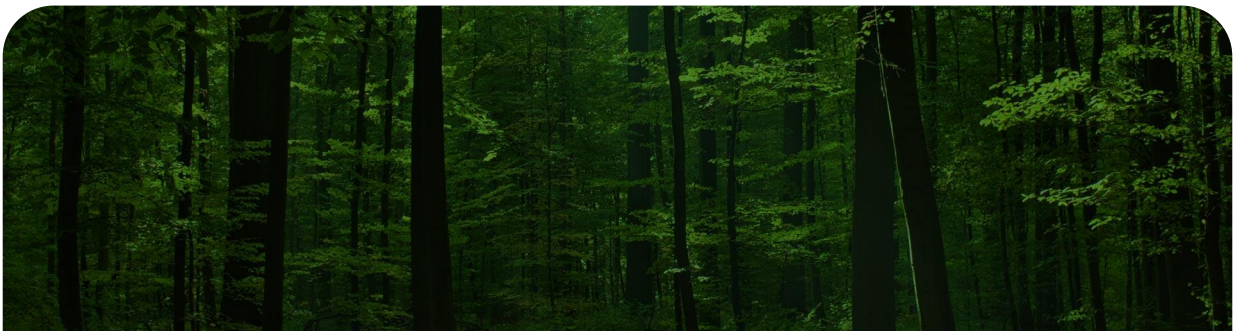
DETAIL

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



SPECIES IDENTIFICATION & GENERAL CHARACTERISTICS

- | | |
|--------------|--------------------------------|
| • TRADE NAME | • MERBAU, KWILA, IPIL, VESI |
| • LATIN NAME | • INTSIA PALEMBANICA |
| • ORIGIN | • SOUTHEAST ASIA |
| • SAPWOOD | • CLEARLY DISTINGUISHED |
| • COLOR | • ORANGE-BROWN |
| • GRAIN | • STRAIGHT TO INTERLOCKED |
| • TEXTURE | • COARSE TEXTURE |
| • HARDNESS | • JANKA: ~8,600 N / 1,925 LBF |
| • MOVEMENT | • SMALL |
| • DRYING | • DRIES WELL |
| • SURFACE | • TAKES PAINTS, STAINS, & OILS |



PHYSICAL CHARACTERISTICS

PROPERTY	VALUE
• DENSITY (SPECIFIC GRAVITY)	• 800 – 950 KG/M ³ (0.80-0.95)
• DENSITY AT 12% HUMIDITY (MV12)	• ~830 – 900 KG/M ³
• COEFF. OF VOLUMETRIC SHRINKAGE	• 0.30 – 0.38%
• FIBER SATURATION POINT	• 22 – 24%
• TOTAL TANGENTIAL SHRINKAGE (TS)	• 4.2 – 5.0%
• TOTAL RADIAL SHRINKAGE (RS)	• 2.5 – 3.1%
• TS/RS RATIO	• ~1.6 (HIGH DIMENSIONAL STABILITY)
• CRUSHING STRENGTH	• 68 – 78 MPA

DURABILITY

PROPERTY	CLASSIFICATION	NOTES
• USE CLASS	• CLASS 3 – 4	Exterior Above Ground
• FUNGI RESISTANCE	• CLASS 1 - 2	Very Durable To Durable
• TERMITE RESISTANCE	• CLASS 2	Resistant
• TANNIN BLEEDING	• HIGH	Requires Sealing
• TREATABILITY	• CLASS 3 - 4	Resistant To Pressure Treatment

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

Outdoor Decking, Flooring, Heavy Structural Framing, Joinery, Turned Posts, Musical Instruments, And Outdoor Furniture.

Available Forms:	Rough Sawn Timber, Kiln-Dried Decking, Finger-Jointed Post Blanks.
Certifications:	SVLK / FSC Certified (Legally Verified & Sustainably Sourced Timber).
Minimum Order:	10 CBM
Supply Ability:	2,000 M ³ /Month

HANDLING, STORAGE, AND RECYCLING

ASPECT	INSTRUCTION
• Tannin Caution	• Merbau Contains Water-Soluble Tannins That Bleed When Exposed To Moisture. Seal Prior To Exterior Installation Or Rinse Thoroughly.
• Machining	• Sawing Can Cause Gummying Up Of Cutters Due To Gum Deposits; Keep Blades Sharp And Clean.
• Fastening	• Pre-Boring Recommended. Fasteners Should Be Corrosion-Resistant To Prevent Dark Chemical Staining.
• Storage	• Store In Dry, Flat, Well-Ventilated Stacks Elevated Off The Ground.

WHY GLOBAL BUYERS CHOOSE ATOZ WOOD COMPANY



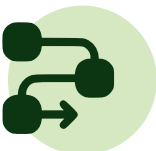
Variety Of Products



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)



SL. NO.	DATE	TYPE	QUANTITY (M3)	NET WT (KG)	GROSS WT (KG)	NO. OF PCS	VOLUME (M3)
1	2024	1	100	1000	1100	1000	1.00
2	2024	2	200	2000	2200	2000	2.00
3	2024	3	300	3000	3300	3000	3.00
4	2024	4	400	4000	4400	4000	4.00
5	2024	5	500	5000	5500	5000	5.00
6	2024	6	600	6000	6600	6000	6.00
7	2024	7	700	7000	7700	7000	7.00
8	2024	8	800	8000	8800	8000	8.00
9	2024	9	900	9000	9900	9000	9.00
10	2024	10	1000	10000	11000	10000	10.00
TOTAL			5000	50000	55000	50000	50.00

(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