TALI

Erythrophleum spp.

Tali, also known as Missandra is native to the east and west coast of tropical Africa and is a very beautiful and extremely dense hardwood used for outdoor applications. Tali is an outstanding alternative to Ipé and Cumaru due to it's durability and resistance to termites and fungi. Widely used for decking, deck tiles, exterior joinery and anything that requires a heavy duty and durable product to withstand heavy foot traffic.



WOOD DESCRIPTION

Color:	*Yellow or orange brown*
Sapwood:	*Clearly demarcated*
Texture:	*Coarse*
Grain:	*Interlocked*

CHARACTERISTICS

- Difficult to work
- Very Durable
- Resistant to termites

COMMON USES

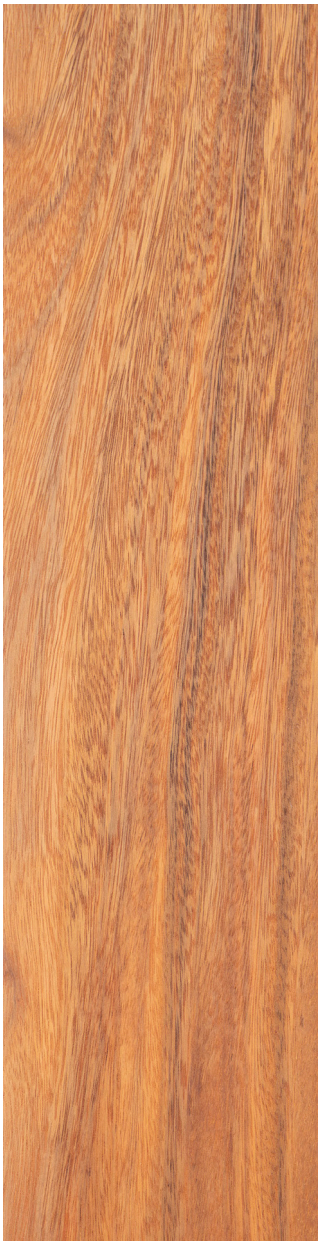
- Decking
- Deck tiles
- Exterior siding
- Exterior joinery
- Industrial or heavy flooring
- Bridges
- Heavy Carpentry
- Stakes

AVAILABILITY

- Select & Better
- Mixed Grain
- 4/4, 6/4, 8/4 Thicknesses



Surfaced



Surfaced and clear coat

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PHYSICAL / MECHANICAL PROPERTIES

Air Dry Density	4.7 *lbs/bf*
Specific Gravity:	0.91
Janka Hardness (lbs):	*2,320*
Volumetric Shrinkage:	*11.5%*
Total Tangential Shrinkage (TS):	*8.4%*
Total Radial Shrinkage (RS):	*5.1%*
TS/RS Ratio:	*1.6*

Fiber Saturation Point:	*26%*
Crushing Strength:	11,458 *lbf/in²*
Static Bending Strength:	*18,564 lbf/in²*
Modulus of Elasticity:	*2,826,785 lbf/in²*
Stability:	Moderate

** Based on 12% Moisture Content*

WORKING / FINISHING PROPERTIES

Blunting Effect:	*Fairly High*
Sawteeth Recommended:	*Stellite tipped*
Cutting Tools:	*Tungsten carbide*
Peeling:	*Poor*

Slicing:	*Not recommended*
Nailing / Screwing*:	*Good*
Gluing:	*Good (interior only)*

Note: Pre-boring is highly recommended due to Tali being so dense. Avoid direct contact with nails, screws and other iron fasteners due to risks of local chemical degradation of wood and iron, combined with

