



# Tali Hardwood Decking – Technical Specification Sheet

---



**Botanical Name:** Erythrophleum suaveolens

**Common Name:** Tali

**Origin:** West and Central Africa (Congo Basin)

**Primary Uses:** Decking, marine construction, heavy outdoor structures, bridges, and exterior flooring.

### Product Overview

Tali (*Erythrophleum suaveolens*) is a premium African tropical hardwood sourced from the Congo Basin. Known for its exceptional durability and structural strength, Tali is widely used in commercial decking, marine construction, heavy outdoor structures, bridges, and architectural applications.

### Key Characteristics

- Extremely dense and durable tropical hardwood
- Natural resistance to decay, termites, and moisture
- Ideal for exterior decking and marine environments
- Long service life even in harsh outdoor conditions
- Attractive golden-brown to reddish-brown grain

### Physical Properties

Density (Air Dry)	750–900 kg/m <sup>3</sup>
Weight	47–62 lbs/ft <sup>3</sup>
Janka Hardness	~2,920 lbf
Modulus of Rupture	~154 MPa
Modulus of Elasticity	~19.4 GPa
Durability Rating	Class 1 – Very Durable

### Available Product Size

Nominal Size: 1 × 6 Decking Boards

Lengths: Available in multiple lengths depending on inventory.

### Installation Guidelines

- Pre-drilling is recommended due to the high density of Tali hardwood.
- Use stainless steel deck screws or hidden deck fastener systems.
- Recommended joist spacing: 16 inches on center for standard decking applications.
- Allow boards to acclimate to jobsite conditions before installation.
- Maintain proper ventilation below decking surfaces.

### **Maintenance Recommendations**

- Apply hardwood decking oil once or twice per year to preserve the rich natural color.
- If untreated, the wood will naturally weather to a silver-gray patina.
- Clean periodically using mild soap and water to remove debris and mildew.
- Avoid pressure washing at excessive pressure levels.

### **Product Dimensions**

Size Available: 1 x 6 decking boards

Boards available in multiple lengths depending on inventory.

### **Inventory Photo**

