

# Bosse Hardwood – Technical Specification Sheet

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EarthLine LLC – Premium African Hardwood Supply



## Species Information

Botanical Name: *Guarea cedrata*

Common Names: Bosse, Cedrata, Pink Mahogany

Family: Meliaceae (Mahogany family)

Origin: West and Central Africa (Congo Basin)

Bosse is a tropical hardwood closely related to African mahogany species. It is known for its attractive reddish-brown color, moderate density, good dimensional stability, and relatively easy workability compared with many tropical hardwoods.

## Physical and Mechanical Properties

Density (Air Dry)	640–720 kg/m <sup>3</sup>
Average Weight	40–45 lbs/ft <sup>3</sup>
Specific Gravity	~0.60–0.65
Janka Hardness	~1,120 lbf
Modulus of Rupture	~100 MPa
Modulus of Elasticity	~12–13 GPa
Durability	Moderately durable
Termite Resistance	Moderate

## Appearance

Color: Pinkish brown to reddish brown that deepens with age.

Grain: Usually straight but may be interlocked.

Texture: Medium to coarse.

Luster: Moderate natural sheen.

## Available sizes in inventory:

- 2 × 12
- 4 × 6

Lengths available up to 20 ft in current inventory. Available to pre order at any size needed.

## Typical Applications

- Structural beams and posts
- Exterior construction
- Architectural millwork
- Furniture and cabinetry
- Interior joinery
- Heavy construction boards

## Workability

Bosse generally machines well with standard woodworking tools. It glues, nails, and finishes well. Due to its moderate density and stability, Bosse hardwood can be used in a wide variety of structural and architectural applications. It provides a balance between strength, workability, and aesthetic appeal.

## Grain Detail

