



# CUMARU



Cumaru is a South American hardwood with light brown to dark brown heartwood that may contain some red and purple hues. Its popularity comes from its durability, hardness, aesthetics, and stability. It is an excellent choice for various applications like decking, flooring, and furniture.

## Performance and Appearance

- Termite resistant
- Rot resistant
- Splinter free
- Scratch resistant
- Cumaru will darken slightly from UV exposure
- Use an oil-based sealer to enhance color
- Follows chain-of-custody (CoC) standards and responsible forestry practices

## Span Chart

Nominal Size	100psf
1x4 or 1x6	16-inch
5/4 x 4 or 5/4 x 6	24-inch

## Comparison Chart

Common Name	Ipe	Cumaru	Cedar
Weight (per cu. ft.)	69 lbs.	67 lbs.	30 lbs.
Bending Strength	25,400 psi	22,400 psi	6,800 psi
Modulus of Elasticity	3,140,000 psi	3,010,000 psi	930,000 psi
Hardness	3,680 lbs.	3,340 lbs.	350 lbs.
Compression Parallel	13,010 psi	13,850 psi	4,770 psi
Shear	2,060 psi	2,395 psi	990 psi

## Recommendations

- Store out of direct sunlight, keep dry and off the ground
- Allow the wood to acclimate and stabilize to the humidity before installation
- Ensure deck is elevated for proper airflow and the deck boards are adequately spaced for drainage and expansion
- Carbide tipped saw blades and high-quality drills are recommended for smooth cuts
- Seal all ends immediately after cutting
- Use a minimum 2-1/4" long screws on net 3/4" or 1" decking