



# CUMARU

*Dipteryx Odorata*

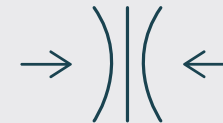


PREMIUM ARCHITECTURAL  
& BUILDING SOLUTIONS

## Timber strong enough to handle a horse kick



Class 1 durability



Very dense, highly  
resilient timber



Suitable for high  
traffic areas

Cumaru can be found throughout tropical South America, Peru, Colombia, Brazil, and Guyana.

Cumaru is a very dense, heavy and hard timber. This makes it ideally suited for interior or exterior bespoke commercial projects, and high exposure or high traffic applications. JSC Cumaru, also known as Tonka, is a 100% FSC® certified timber product.

Reddish brown in colour when freshly cut, turning into a uniform tan or golden brown when exposed to the elements. Cumaru is non-resinous and has a tight, straight grain and a lustrous finish.



Ellerslie Stables | Young and Richards Architects



## CUMARU APPLICATIONS

Cumaru wears cutting tools quickly and these need to be kept sharp to avoid raised grain. Cumaru glues, finishes and stains well, with really pleasing results. Its beauty and brawn make it ideal for high-traffic public areas where a quality appearance and exceptional durability are essential qualities. Cumaru timber is stiff and strong, and its resilience lends itself well to a variety of applications:

- Heavy structural beams and posts
- Decking - industrial and commercial domestic
- Commercial interiors
- Flooring
- Bridge girders and decking



## TECHNICAL INFORMATION

|                                       |   |
|---------------------------------------|---|
| <b>Supplier responsibility status</b> | FSC 100%  |
| <b>Availability of sizes</b>          | Lengths: Random lengths<br>Sizes: Various sizes made available on request           |
| <b>Durability</b>                     | Very durable - Class 1* in the ground and resistant to both fungi and insect borers |
| <b>Grades</b>                         | FAS Clears  |

\*Durability classifications provide a useful comparative guide, however factors relating to specific installations and natural timber variation may result in heartwood pieces falling outside the species' durability classification.

| Mechanical properties   | Green | Dry                    |
|---|-------|------------------------|
| Modulus of Rupture (MPa)  | 132   | 188                    |
| Modulus of Elasticity (GPa)   | 18.3  | 21.0                   |
| Hardness   Janka (kN)   | -     | 13.7                   |
| *Density (kg/m <sup>3</sup> ) *Air dry density (kg/m <sup>3</sup> ) is average indication only and actual value may vary. | -     | *1100kg/m <sup>3</sup> |

**Note:** For comparable species speak to the JSC team about alternatives.

**Disclaimer:** JSC has endeavored to ensure this information is accurate but recommends for critical applications that independent advice is obtained. These properties are a guide only, as timber is a natural product there will be variations within any species. Please speak to our professionals at JSC for information and advice as well as for any information around profiles, fixing details and supporting documentation.

**jsc.co.nz**  
 TechHelp@jsc.co.nz  
 Sales@jsc.co.nz

FIND JSC ONLINE



### AUCKLAND

(09) 412 2800  
 22 Sawmill Road  
 Riverhead

### HAMILTON

0800 57 26 88  
 43 McKee Street  
 Pukete

### WELLINGTON

0800 57 26 88  
 61 Seaview Road  
 Seaview

### CHRISTCHURCH

(03) 348 9726  
 72 Hammersmith Drive  
 Sockburn

