

TIMBER SPECIES INFORMATION SHEET

CUMARU *Dipteryx odorata*



DESCRIPTION

Cumaru is a high density, extremely hardwearing and highly durable hardwood. It has a reddish or purplish hue when cut, changing to brown with red or gold flecks.

VISUAL FEATURES

Cumaru timber grain is interlocked with a medium texture and a waxy feel. It is extremely stiff, strong and hard, lending itself to a variety of applications. Can have a blunting effect on tool cutters due to hardness. Exhibits good fastener retention yet may require pre-boring when screwing or nailing. Has a faint, vanilla or cinnamon-like odour when being worked.

COMMON APPLICATIONS

- Decking & Screening
- Flooring & Staircase
- Panelling
- Mouldings
- Joinery

TECHNICAL INFORMATION

Cumaru is a high density, extremely hardwearing and highly durable hardwood with interlocked grain and waxy feel. It has a reddish or purplish hue when cut, changing to brown with red or gold flecks. Pre-drill before nailing or screwing to obtain excellent fastener retention.

Density kg/m ³ dry	1,085	Durability in ground	Excellent	Resistance to Split (Nailing)	Good
Specific Gravity	1.0	Durability above ground	Excellent	Resistance to Split (Screwing)	Good
Hardness (Janka) kN	14.8	Susceptible to Lyctid Borer	No	Gluing	Fair
Modulus of Rupture Mpa dry	175	Termite Resistance	Resistant	Machining	Good
Modulus of Elasticity GPa dry	22	Smoke Development Index	3	Finish	Good
Radial Shrinkage %	5.3	BAL Rating	19	Stability	Excellent
Tangential Shrinkage %	7.7	Spread of Flame	0	Growing Region	South America

Bleeding: Negligible during trials



AVAILABILITY

Assorted set lengths dressed boards up to 5.9m are available in popular widths and thicknesses in Select grade. External cladding in random lengths and 3.0m are available. Contact Customer Service for information & availability.

f @portatimber @ @porta_timber

1300 650 787 sales@porta.com.au porta.com.au

Every effort has been made to ensure the quality of this information yet is of a general nature. Seek professional advice for specific applications.

References: Wood Database. Exova Testing
PORTA Product Specification Sheet - Cumaru

Issue: 07/2023