

# Cumaru

## Beams, Posts & Decking

### Porta Cumaru is Ideal for:

- Street Furniture
- Battens
- Decking
- Screening
- Fencing
- Boardwalks
- Marinas
- Landscaping
- Flooring
- Stairs (Internal/ External)
- Cladding
- Handrails
- Anywhere durable, versatile, timber is required



### Key Benefits

- “Porta Cumaru” is a beautiful high density Class 1 durable hardwood
- Hard wearing timber ideal for high traffic areas and commercial projects
- Attractive interlocked grain, mid brown in colour with red or gold flecks
- Independently FSC certified as a sustainably managed timber
- Low embodied energy provides carbon sequestering for your project
- Negligible tannin bleed makes it ideal for use alongside other materials without unsightly staining of concrete or other claddings.
- Porta Cumaru’s beauty and durability makes it an ideal timber for internal & external applications providing a seamless integrated flow through your project
- Complies with AS3959 -2009 for use in bushfire zones up to BAL19
- Structurally rated F34 (KD) and F27 (Unseasoned) combine strength with beauty for exposed applications

### Porta Offer

- Available in decking, posts, beams, screening, cladding and more
- Decking: available in 300 LM Random packs – broken packs available subject to a surcharge
- Beams & Posts: available in pieces, job lots or packs
- Available in set lengths from 2.4m to 5.4m
- Longer lengths available on request
- Custom moulded profiles available on request

Call our sales team for more information or a quote on  
**1300 650 787** or email us at [sales@porta.com.au](mailto:sales@porta.com.au)

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## Beams, Posts & Decking

Product Code	Product Description	Dimensions	Grade*	2.4m	2.7m	3m	3.6m	4.2m	4.8m	5.4m	
DEK9021CUSL	Decking - Pencil Round - Non Reeded	90 x 21mm	Select				Random Length (1.8 - 5.4m)				
DEK14521CUSL	Decking - Pencil Round - Non Reeded	145 x 21mm	Select				Random Length (1.8 - 5.4m)				
P9045F34CUSL	F34 - Pencil Round Beam	90 x 45mm	F34	•		•	•		•	•	
P14045F34CUSL	F34 - Pencil Round Beam	140 x 45mm	F34	•		•	•		•	•	
P19045F34CUSL	F34 - Pencil Round Beam	190 x 45mm	F34	•		•	•		•	•	
P24045F34CUSL	F34 - Pencil Round Beam	240 x 45mm	F34	•		•	•	•	•	•	
D29045F34CUSL	F34 - Square Edge Beam	290 x 45mm	F34	•		•	•	•	•	•	
D9090CGSL	F27 - Square Edge Post	90 x 90mm	F27	•	•	•	•				
D110110CGSL	F27 - Square Edge Post	110 x 110mm	F27	•	•	•	•			•	
D135135CGSL	F27 - Square Edge Post	135 x 135mm	F27	•	•	•	•			•	
D185185CGSL	F27 - Square Edge Post	185 x 185mm	F27	•	•	•	•			•	

Note: All posts are green not Kiln Dried. \*Select grade as per AS 2796. F27/F34 graded as per AS2082.

### TECHNICAL INFORMATION (Based on Kiln Dried timber)

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 <sup>3</sup> dry <sup>(1)</sup>	1085	Durability in ground <sup>(1a)</sup>	Excellent	Resistance to Split (Nailing)	Good
Specific Gravity <sup>(1)</sup>	1.0	Durability above ground <sup>(1b)</sup>	Class 1 - 40yrs+	Resistance to Split (Screwing)	Good
Hardness (Janka kN) <sup>(1)</sup>	14.8	Susceptible to Lyctid Borer	No	Gluing	Fair
Modulus of Rupture MPa dry <sup>(1)</sup>	175	Termite Resistance	Resistant	Machining	Good
Modulus of Elasticity GPa dry <sup>(1)</sup>	22	BAL Rating <sup>(2)(3)</sup>	19	Finish	Good
Radial Shrinkage % <sup>(1)</sup>	5.3	Bending	Poor	Stability	Excellent
Tangential Shrinkage % <sup>(1)</sup>	7.7	Sanding	Good	Growing Region	South America
Bleed	Negligible bleeding during our trials	Moisture	Complies to AS2082 - 2007		

(1) Wood Solutions 1a) The Wood Database 1b) Australian Forest Research Company 20161118 (May 2017) (2) AS 3959 Construction of buildings in bushfire-prone areas (3) Testing for BAL 29 in progress - as of Oct 2016 \* Compared to other hardwoods tested Cumaru demonstrated no apparent or negligible tannin bleed. However Porta recommends cleaning of timber prior to installation and a suitable sealer to protect the timber and minimise any potential run off of natural resins onto surrounding surfaces.

