



A Century of Growth, in One Day

In just one day, Crafted Hardwoods transforms low-value, juvenile wood resources into materials with the structural integrity and durability typically seen in century-old trees. What was once considered low-value timber is now a high-performance material, capable of withstanding the demands of both architectural and design applications.

SPECIES TECHNICAL INFORMATION

	Blackbutt	Spotted Gum	Tasm Oak	White Gum
Density	950kg/m ³	1030kg/m ³	770kg/m ³	800kg/m ³
Modulus of Elasticity (MOE)*	20,680 Mpa	18,790 Mpa	16,030 Mpa	16,400 Mpa
Bending Strength (f_b) (MOR)*	97 Mpa	106.7 Mpa	65 Mpa	60 Mpa
Tension Strength (f_t)*	87 MPa	—	—	—
Shear Strength (f_s)	9.8 MPa	—	—	5.1 MPa
Compression Strength (f_c)*	68 MPa	—	—	66 MPa
Modulus of Rigidity (G)	1423 MPa	—	—	—
Bearing strength perpendicular to grain (f_p)*	12.7 MPa	—	—	—
Janka hardness	7.6	10	4.4	5.7
Stress Grade	F27	F27	F22	F17
Fire Group Number	3	3	3	3
Average Critical Heat Flux (kW/m²)	4.4	—	—	3.8
Char Rate (mm/min)	0.48	0.47	—	0.51
Bushfire Attack Level BAL	BAL29	BAL29		
Certification	PEFC	PEFC	PEFC	FSC®

*Characteristic values for design

Note: The information provided in this table is accurate to the best of our knowledge at the time of publication (v1 Jan25). We recognise there are gaps in the data and we are actively working to fill them. If you require specific information that is not listed, please contact us.

Proudly FSC® and PEFC™ chain of custody certified.

We support responsible forestry and play our part to ensure we leave a thriving, sustainable legacy for future generations.



For any queries please contact us directly. We'd love to connect!

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