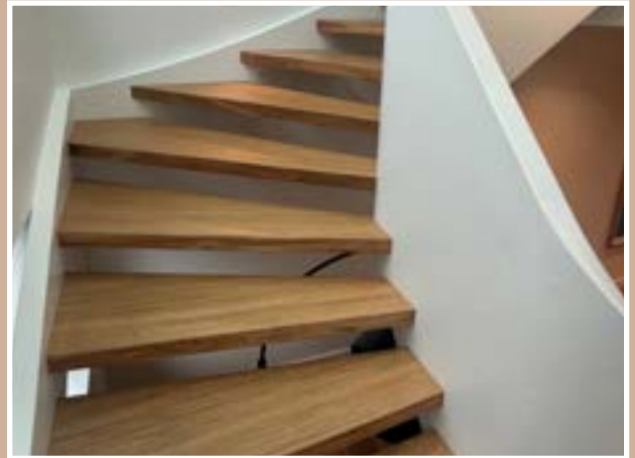


Staircase components



Crafted Hardwoods Blackbutt treads, quartersawn cut.

FEATURES

- Engineered solid hardwood with the look, feel and properties of traditional timber
- Sustainably sourced, VOC free, recyclable
- Secure supply chain, competitive pricing
- Uniform and consistent colour
- Allows the use of unique patch fittings
- Solid timber treads up to 480x240x2450mm, eliminating the need for lamination
- Proudly Australian made



We transform pulp-grade logs into high-performance timber, harnessing the beauty and strength that make hardwood so remarkable. Visit our website to learn more about us, our process, and why it matters.

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FINISH OPTIONS

Choose between two grain cuts to create the perfect look for your project. The finish chosen will feature on the top face (stepping surface), with the other one visible to a lesser extent on the riser face.

QUARTERSAWN

Modern look with clean linear finish.



Solid tread up to 480mm x 2450mm

BACKSAWN

Rustic look, natural timber features exposed for character.



Solid tread up to 240mm x 2450mm

SPECIES TECHNICAL INFORMATION	Blackbutt	Spotted Gum	Tas 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
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/m ²)	4.4	—	—	3.8
Char Rate (mm/min)	0.48	0.47	—	0.51

*Characteristic values for design

SPAN TABLES

TABLE 1 – STAIR TREADS MINIMAL THICKNESS	Stair width				
	750mm	1000mm	1200mm	1500mm	1800mm
Residential minimum thickness					
Blackbutt	26mm	32mm	38mm	48mm	58mm
Tasmanian Oak / White Gum	26mm	32mm	38mm	48mm	58mm
Spotted Gum	26mm	30mm	35mm	45mm	52mm
Commercial minimum thickness					
Blackbutt	28mm	34mm	40mm	50mm	60mm
Tasmanian Oak / White Gum	28mm	34mm	40mm	50mm	60mm
Spotted Gum	28mm	34mm	40mm	48mm	55mm

TABLE 2 – LOADINGS FOR ALL SPECIES (AS1170.1 – Structural design actions)			
Occupancy	UDL (kPa)	PLL (kN)	Line Load (kN/m)
Residential	2	2.7	2.2
Commercial	4	4.5	2.2