

BORAL TIMBER
Build something great™



Boral Structural

AUSTRALIAN HARDWOOD TIMBER SPECIES



Promoting sustainable forest management



- Boral structural timber is manufactured from Australian hardwood species that have proven durability in Australian conditions.
- Boral Timber has a Quality Assurance system that ensures strict tolerances and drying procedures to produce a high quality product.
- Boral Timber products are AFS Chain of Custody certified meaning that Boral's structural timber is sourced from certified, legal and sustainably managed resources.
- Seasoned structural timber is ideal for all structural applications including sub-floor construction, stair components, highly loaded truss members, wall lintels over openings and high strength structural beams.
- Blackbutt and Spotted Gum have a natural fire resistance making them suitable for use in many bushfire prone areas under Australian Standard AS3959. See Boral Timber's Construction in Bushfire Zones brochures for more information.
- Australian hardwoods can easily be finished with a clear oil or stain. Alternatively the timber can be left to weather to turn an attractive silver grey.
- Building codes and Australian Standards should be adhered to when building with Boral structural timber.
- A full range of preservative treatments to Hazard levels up to H6 is available for green hardwood.

Applications

Seasoned (Kiln dried)

- Bearers
- Lintels
- Counter beams
- Rafters
- Floor joists
- Strutting beams
- Hanging beams
- Wall studs
- Underpurlins
- Intermediate beams
- Floor systems
- Wall framing
- Window lintels
- Support Beams
- Roof Beams
- Wharves
- Boardwalks

Unseasoned (Green)

- Boardwalks
- Grandstands
- Posts
- Wharves
- Pedestrian and vehicle bridges

Standard sizing

Seasoned (Kiln dried)

- 70 x 35/45mm
- 120 x 35/45mm
- 170 x 35/45mm
- 220 x 35/45mm
- 270 x 35/45mm
- 90 x 35/45mm
- 140 x 35/45mm
- 190 x 35/45mm
- 240 x 35/45mm
- 290 x 35/45mm

- Lengths up to 6m.
- Lengths over 6m are available in nail plated profiles.
- Wider widths are available through nail laminated profiles.

Unseasoned (Green)

- Cut to any end section ranging from 25mm – 300mm, dependant on species and log size/availability.
- Lengths up to 6m.
- Lengths over 6m and up to 8m available on application, dependant on species and log size/availability.

Technical specification

Properties	Seasoned (Kiln Dried)		Unseasoned (Green)					
	Blackbutt	Mixed Hardwoods	Mountain Species	Coastal Species	Mixed Hardwoods		Spotted Gum	
Stress Grade	F27	F27	F11	F11	F14	F17	F14	F17
Natural durability class – outside above ground	Dura 1	Dura 1/3	Dura 3	Dura 2	Dura 3/4	Dura 2	Dura 1	Dura 1
Strength group	SD2	SD2	S4	S3	S2	S2	S2	S2
Joint group	JD2	JD2	J4	J2	J2	J2	J1	J1
Naturally bushfire resistant	Yes	No	No**	No	No	No	Yes	Yes
Naturally termite resistant	Yes	No	No	No	No	No	Yes	Yes

** Some Mountain Species such as Silvertop Ash.

Reference: Australian Standard AS1648.2 - 2006. 'Wood in Australia', Keith R Bootle, 2005.

Note: Timber is a natural product and photographs, samples and display floors are indicative only. The colour range of the timber species as a finished product will vary. Boral recommends samples are viewed prior to purchase. Timber commonly react to changes in atmospheric conditions such as humidity and temperature.

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