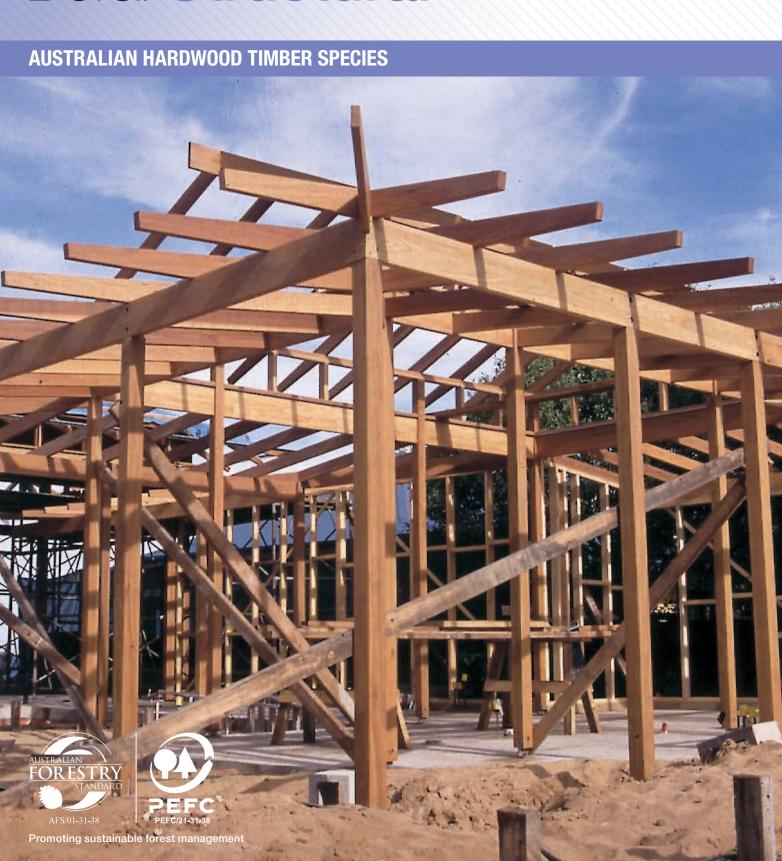


Boral Structural





- 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)

- Counter beams Wall framing
- Rafters
- Floor joists
- Strutting beams
- Hanging beams
- Wall studs
- - Roof Beams
 - Wharves

Window lintels

Intermediate beams

Unseasoned (Green)

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

Standard sizing

Seasoned (Kiln dried)

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

Technical specification

	Seasoned (Kiln Dried)		Unseasoned (Green)					
Properties	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.