

RADIAL PLANTATION GROWN TIMBER - BOARD AND BATTEN



Radial Timber has entered an exciting time in our history as we commence production of durable and high value timber products from our own Australian, plantation grown hardwoods.

We are currently producing our first 100% plantation grown timber cladding using Southern Gippsland Blue Gum (Eucalyptus Globulus). Native to Southern Victoria, Tasmania and the Bass Strait Islands, Southern Gippsland Blue Gum has been planted extensively around the world. Its uses in Australia have been primarily for paper manufacturing, however in Europe it has been used for fine timber products for over 50 years. By implementing careful plantation management practices such as thinning and pruning, combined with our unique radial sawmilling process, this beautiful wood is now available as a high value timber cladding product here in Australia.

Southern Gippsland Blue Gum is a beautiful light blonde to brown coloured timber with grey and pink tinges. The grain is interlocked and has an even texture, some features include gum vein and fire streak. Currently available in two sizes; Unseasoned, rough sawn 75x25mm and 100x25mm. See more technical details below:

Strength Group

Unseasoned	S3 (Reasonably High)
Seasoned	SD2 (High)

Durability

In-Ground	Class 3 (5-15 years)
Above-Ground	Class 2 (15-40 + years)

Density

Unseasoned	1140 kg/m ³
Seasoned	970kg/m ³

Hardness

Unseasoned	7.3Kn (Janka)
Seasoned	12.0Kn (Janka)

Radial Shrinkage

6.9%

Tangential Shrinkage

14.4%

Lyctid Borer Susceptibility

Susceptible (before treatment)

Termite Resistant

Not Resistant

EFH Spread flame Index

NA

EFH Smoke Develop Index

NA

Critical Radiance Flux

>2.2 and <4.5

Smoke Development Rate

<750

Fire Properties group number

3 (slightly combustible)

Bal Rating

Bal 19

Our vision is to become totally self sufficient by managing our own saw log plantations of durable hardwood in Gippsland. In 2004 we put in place a plan to establish at least 2000 hectares of native hardwood plantations, since then we have been planting and managing these plantations every year. For more information please call our office on (03) 9768 2100 or email sales@radialtimbers.com.au www.radialtimbers.com.au



RADIAL BOARD AND BATTEN



Design: Trias Studio
Construction: GTS Constructions
Photo: Benjamin Hosking

Radial Timber Board and Batten is a unique alternative to traditional horizontal cladding systems. The layered boards are inspired by the old pailing fence look which provides a distinctive linear effect giving the style a beautiful modern twist.

Board and Batten cladding is supplied in a series of nominal 25mm thick board (base) and batten (cap) boards featuring 22.5 degree bevelled sides.

Radial timber Board and Batten cladding is visually graded. The timber is unseasoned and rough sawn giving a naturally textured finish. Radial timber can also supply a pre-oil service in a range of finishes.

Board and Batten cladding is a vertical only application and a range of sizes/combinations can be used to give a desired look. The lengths are supplied random from 1.0m-6.0m with an average of 3.6m.

Radial Timber Board and Batten can be used in Bushfire prone areas up to BAL 29 depending on the species.



Design: Ron-Kennon Architects
Photo: Derek Swatwell



We currently only supply sustainably sourced Regrowth Hardwoods or plantation grown timber. Our goal is to become fully self sufficient from our privately owned plantation resource once they mature and become available. Radial Timber has been privately planting plantations since 2004.



Radial Timber is committed to environmentally responsible timber production. Our timber is radially sawn locally using unique sawing methods which give us up to 40% more yield from younger, less desired saw logs than traditional sawing methods





Architect: Rob Kennon
Photo: Derek Swalwell

Product Specification

SPECIES: Range of Class 1 and Class 2 durability Australian Hardwoods (Ask for species on request)

FINISH: Rough sawn and unseasoned (green)

STANDARD ROUGH SAWN PROFILE SIZES:
75x25mm BE, 100x25mm BE, 125x25mm BE,
150x25mm BE

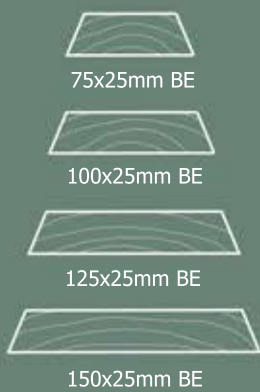
ALTERNATIVE ROUGH SAWN SIZES
(Subject to availability):
50x23mm BE, 55x35mm BE, 75x50mm BE,
100x50mm BE

LENGTH: Random lengths (1.0m-6.0m)

GRADE: Visually Graded Unseasoned Timber

PRE OILED: Available on request

Standard Board and Batten sizes



Alternative Board and Batten sizes
(Subject to availability)



Construction: Mosswood homes



Construction: The Sociable Weaver

Typical Board and Batten layout example
(Faces showing)



Stud wall/Frame side

We have a range of different sizes, styles and finishes to suit any job. Give our friendly staff a call to go through your next project, or come into our showroom to have a look at our displays. You can also pick up some samples or order them directly through the Radial Timber Website.

For further technical information and installation guides visit:
www.radialtimbers.com.au
Follow us on instagram **@radialtimber**

12 Park Drive, Dandenong South, Vic, 3175
Ph: (03) 9768 2100
sales@radialtimbers.com.au