

# LMA TIMBER HARDWOOD STRUCTURAL TIMBER

## PURPOSE

LMA Timber Hardwood Structural Timber is sustainably sourced or reclaimed hardwood for use as beams, trusses, posts, pergolas, structural playground timbers and marine timbers.

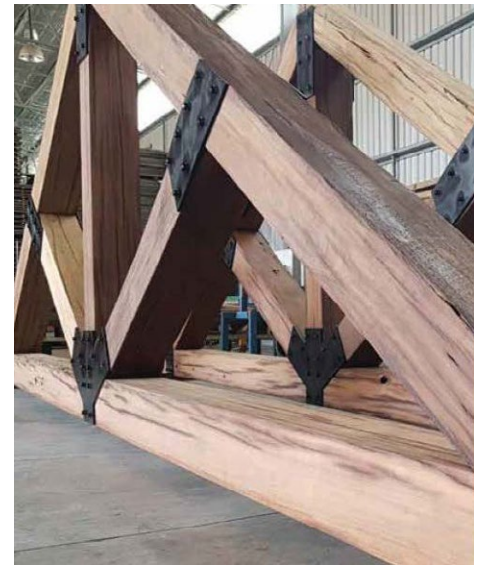
## EXPLANATION

LMA Timber Hardwood Structural Timber is milled from Australian eucalypt hardwood species classified as Class 1 and Class 2 natural durability under AS 5604-2005 and reclaimed timbers.

Timbers include grey/red ironbark, tallowwood, blackbutt, grey box and spotted gum.

Available profiles:

- › structural/marine: up to 400 mm x 400 mm, lengths up to 11.8 m
- › marine piles: up to 400 mm x 400 mm, lengths up to 20 m
- › structural playground timbers: up to 400 x 400 mm, lengths up to 11.8 m.
- › Vineyard:
  - strainer sizes: from 150 x 150 mm, lengths of 2.4 to 2.7 m
  - posts and stays: from 75 x 75 mm, lengths of 2.4 to 2.7 m
  - custom sizing, up to 400 x 400 mm, lengths up to 11.8 m.



For further assistance, please contact:

- ☎ 027 255 4345
- ✉ info@lmatimber.co.nz
- 🌐 [lmatimber.co.nz](http://lmatimber.co.nz)

## SCOPE AND LIMITATIONS OF USE

Scope	Limitations
<b>Location</b>	
In all wind zones up to and including extra high as defined in NZS 3604:2011 or to a maximum design wind pressure of ULS 2.1 kPa.	
In all exposure zones as defined in NZS 3604:2011.	› Fixings must be in accordance with Section 4 of NZS 3604:2011.
In all seismic zones as defined in NZS 3604:2011.	
At least 1 m from a relevant or notional boundary.	
<b>Building</b>	
In conjunction with a primary structure that complies with the NZ Building Code or existing buildings where the designer and/or installer have satisfied themselves that the existing building is suitable for the intended building work.	
As a structural member.	<ul style="list-style-type: none"> <li>› Structural members must be specifically designed in accordance with AS/NZS 1170.0:2002.</li> <li>› Structural members must be installed and fixed in accordance with the design.</li> <li>› Where fire obligations apply, the use of the timber is subject to specific fire engineering.</li> <li>› For timber used in marine environments, the treatment level must match the hazard class required for that specific condition.</li> </ul>

## USEFUL INFORMATION

For design, installation and maintenance information, refer to [lmatimber.co.nz](http://lmatimber.co.nz).

## PERFORMANCE CLAIMS

If designed, installed, and maintained in accordance with all LMA Timber requirements, LMA Timber Hardwood Structural Timber will comply with or contribute to compliance with the following performance claims:

NZ Building Code clauses	BASIS OF COMPLIANCE	
	Compliance statement	Demonstrated by
<b>B1 STRUCTURE</b> B1.3.1, B1.3.2, B1.3.3 (a, e, f, h, j, m, q, and in respect of UV radiation), B1.3.4 (a, b, c, d)	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> <li>➤ Graded F17 to F32 in accordance with AS 1720.1:2010.</li> <li>➤ Physical characteristics of hardness, toughness, shrinkage and tangential movement [Timber Queensland, 03/2014].</li> <li>➤ Specifically designed where required in accordance with AS/NZS 1170.0:2002.</li> </ul>
<b>B2 DURABILITY</b> B2.3.1(b)	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> <li>➤ Class 1 and 2 durability to AS 5604-2005 [Timber Queensland, 03/2014].</li> </ul>
<b>F2 HAZARDOUS BUILDING MATERIALS</b>	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> <li>➤ Use in accordance with the supplier's instructions.</li> </ul>

## SOURCES OF INFORMATION

➤ Timber Queensland. [03/2014] *Technical Data Sheet*.

SCAN OR CLICK THIS QR CODE TO ACCESS OR REQUEST THE RELEVANT SUPPORTING DOCUMENTATION FOR THIS PASS™.

[lmatimber.co.nz](http://lmatimber.co.nz)



1. Where a standard is referenced it is to be read as amended by the acceptable solution or verification method as applicable. 2. Sources of information also include the Building Act 2004 and its regulations, including the Building Code (Schedule 1 of the Building Regulations 1992), Acceptable Solutions and Verification Methods, and relevant cited standards. 3. The product is not subject to a warning or ban under section 26 of the Building Act. 4. For overseas manufacturer details, where applicable, refer to the company that is the holder of this pass™. 5. The quality and assurance that the supplied products meet the performance claims stated in this pass™ are the responsibility of the company that is the holder of this pass™. 6. The availability of the information about the supplied products required to be disclosed under s14G(3) is the responsibility of the company that is the holder of this pass™.

LMA Timber Ltd confirms that if LMA Timber Hardwood Structural Timber is used in accordance the requirements of this pass™ the product will comply with the NZ Building Code and other performance claims set out in this pass™ and the company has met all of its obligations under s14G(2) of the Building Act.

**Date of first issue:** 18/11/2024

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**NZBN:** 9429046749680

*Kevin Brunton*

Kevin Brunton, Technical Director, TBB confirms that the process used to prepare this pass™ on behalf of LMA Timber Ltd has been undertaken in accordance with MBIE PTS guidelines and in accordance with the TBB pass™ process which is within the scope of TBB's ISO 9001 certification.

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