Building Products Information Requirements | Info Sheet

Class 1 Building Product

Engineered

Revision:	1.1
Date:	19/07/2024
Product Name:	Magna Laminated GL13 Beams and Posts
Product Identifier:	Magna logo and structural verification stamp @2m intervals across beam and on end of beam/post
Place of Manufacture:	Overseas

Product Description and intended use

Magna GL13 Laminated Beams & Post are both decorative and structural building elements for use in light timber-framed construction.

Magna GL13 Beams (including rafters and lintels) are available in the below sizes:
140 x 140 mm 13 3.6, 4.8 & 6.0m
190 x 190 mm 13 3.6, 4.8, & 5.4m
240 x 90mm 4.8, 5.4, 6.0 & 7.2m
290 x 90mm 4.8, 5.4, 6.0 & 7.2m

Contact Details

	MANUFACTURER
Legal and Trading name:	ETH Enterprise PTE LTD.
Address for service:	ETH ENTERPRISE PTE LTD, 14 GUL LANE SINGAPORE 629412
Website:	https://magnaglulam.com.au/ or https://eth.com.sg/contact/
Email Address:	N/A
NZBN:	N/A

IMPORTER	
Legal and Trading name:	The Lumberbank New Zealand Ltd
Address for service:	18 High Street, Auckland, New Zealand, 1010
Website:	Lumberbank.co.nz/Lumberworx
Email Address:	sales@lumberbank.co.nz
NZBN:	9429038936531

Relevant Building Code Clauses

Clause B1 Structure: Performance Clauses B1.3.1, B1.3.2 B1/VM1

Clause B2 Durability: Performance Clauses B2.3.2 (a)

Clause C6 Structural Stability: Performance Clauses C6.2 (a) C6.3 B1/VM1

Contributions to compliance

Magna Glulam is third party certified by the GLTAA (Glue Laminated Timber Association of Australia) to the relevant AS/NZ standards.
AS/NZS 1328:1998 (Part 1&2) – Glued Laminated Structural Timber
AS/NZS 8008:2022. Timber – Finger Joisted Structural timber – product and Performance Requirements
AS/NZS 1720.1-2010 – Timber structures Design Methods.
B1 Structure - Engineering Span tables to AS/NZS 1170:2002, Manufactured to AS/NZS 1328:1998 and AS/NZS 8008:2022.
B2 Durability - Independent assessment, Class 2 timber species, Scion (8 Sep 2021 & 31 Jan 2024) a) In-service history b) Laboratory testing c) Comparable performance of similar building element.
C6 Structural Stability - AS/NZS 1720.1:2010 Specification to NZS 3603:1993, section 9. Design of Fire Resistance. Including revised version AS/NZS 1720.1-2010.

If designed, installed and maintained in accordance with all Magna requirements, the Magna Glulam will comply with or contribute to compliance with the stated claims.

Limitations and Intended scope of use

Magna Glulam is for use:

- In all locations subject to specific engineering design or selected from the Magna engineered span tables
- Fixing materials are to be in accordance with NZS 3604:2011, section 4.0
- In all buildings where the relevant part of the building complies with the NZBC, or in existing buildings, where the designer/engineer is satisfied that the existing building is suitable or the intended purpose
- Fabricated connections to be in accordance with AS/NZS 1170.2:201
- Where specific fire performance is required, the beams must be specified in conjunction with a Fire Engineer
- The specification and installation of Magna laminated beams must be carried out by (or supervised by) a Licensed Building Practitioner (LBP) with a relevant license class and with access to all relevant technical documentation.
- The beams must be stored, handled, maintained and installed in accordance with all Magna requirements.

Supporting Documentation

Technical Information can be found at: LumberBank https://lumberbank.co.nz/magna-gl-13/

Warnings and bans

This building product/building product line is **not** subject to warning or ban under section 26 of the Building Act 2004.