

Commonly used as lintels, bearers, roof beams, rafters, curves, columns and portal frames

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include self-assessment and technical information by manufacturer



Hyne I-Built™ confirms that this minimum level of assurance has been met or exceeded by the following:

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Technical Statement

Product Description

I-Built™ Hyne Beam 17C is suitable for lintels over large window and door openings and for garage beams, or as roof beams where spans over large spaces are dictated by design. Architects and building designers can specify I-Built Hyne Beam 17C with confidence, knowing that Hyne Design software provides guaranteed assurance of the correct choice of size for the required application.

SIZES

- 85mm x 195, 230, 260, 295, 330, 360, 395, 425, 460, 495, 525mm.
- 135mm x 130, 165, 195, 230, 260, 295, 330, 360mm.
- Custom sizes can be designed to suit special applications up to 1200mm in depth.

LENGTHS 0.6m increments to 11.7m.

GRADES: I-Built Hyne Beam 17C is available in two grades in accordance with AS/NZS1328.1-1998.

- STR – Structural Grade or Appearance C.
- SEL – Select Grade or Appearance A.

Scope of use

Building In conjunction with timber or lightweight steel framing that complies with the NZ Building Code, or for existing buildings, where the designer and/or installer have established that the existing structure is suitable for the intended building work. To the requirements of NZS 3604 as referenced in and amended by B1/AS1. Fixing material to be in accordance with section 4, NZS 3604:2011. As part of the primary structure.>>

Beams must only be used in fully enclosed internal locations excluding wet areas. The Beam must not form any part of the external envelope (including walls). Before or during construction, the Beam must not be exposed to the environment for more than 90 days.

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B1 Structure:** Performance B1.3.1, B1.3.2, B1.3.3, B1.3.3(b), B1.3.3(g), B1.3.3(h), B1.3.3(j)
- **Clause B2 Durability:** Performance B2.3.1, B2.3.1(a)
- **Clause C6 Structural stability:** Performance C6.3, C6.4
- **Clause F2 Hazardous building materials:** Performance F2.3.1

Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

Hyne Timber's Glue Laminated Timber (GLT) has been independently certified by Bureau Veritas, a JAS-ANZ accredited third-party Certification Body, under their 'S' Mark Product Certification Scheme.

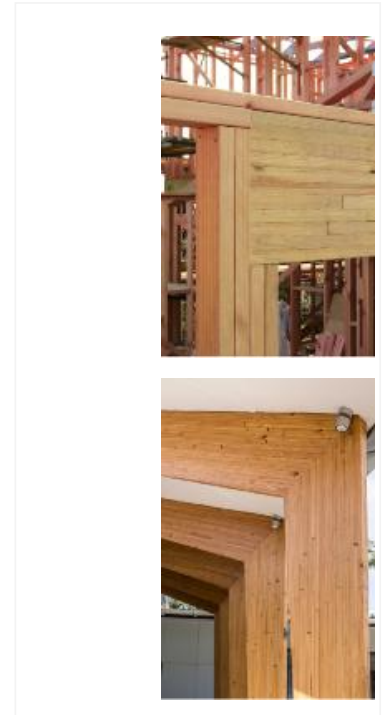
The 'S' Mark is an Australasian stamp of assurance, confirming to the design and construction industry that Hyne Timber's GLT is audited and certified to the applicable Standard 'AS/NZS 1328.1:1998, Glue Laminated Structural Timber'.

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:



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masterspec partner

Company Contact Details



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Product Criteria

Design requirements

For Design Guidelines refer to:

https://nzwoodproducts.co.nz/media/products/files/2014/2474_NZWood_Design_Guide_v16_2_LR_1.pdf

Installation requirements

For Installation requirements refer to:

https://nzwoodproducts.co.nz/media/products/files/2014/2474_NZWood_Design_Guide_v16_2_LR_1.pdf

Maintenance requirements

Hyne 17C Glulam beams are to be used in enclosed locations or as internal visual structural members so there is no specific maintenance required.

Warrantees

Any Warranty or manufacturing issues please contact IBuilt New Zealand Wood Products for assistance.

Company Product Information

Environmental

PEFC Certified Product



Date last validated: 17 May 2022



Date last updated: 17 May 2022

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