

Glulam Products

BPIR (Building Products Information Requirements) Declaration

Version: Rev 1

Designated Building Product

Class 1

Declaration

Laminated Beams has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

Product/System

Name: Glulam (Glue Laminated Timber)

Line : Structural members

Identifier: The designation for glulam is

Height (finished size) x **Width** (finished size) **Treatment** **Strength Grade** **Finish**
e.g. **315x88 H1.2 GL8 Visual**

Description of Building Product

Glue laminated timber (glulam) is the generic term for timber laminates, glued together in full length sections (potentially containing finger joints) to make beams, posts and other structural members usually with a constant cross section.

Laminated Beams produces glulam for use as beams, posts and other structural members in a range of height, width & length combinations and which can be manufactured straight, cambered or curved for use in interior and exterior applications.

Laminated Beams produces this building product from NZ grown pine (Pinus Radiata) which has been rough sawn, pre-treated and kiln dried prior to our manufacturing process.

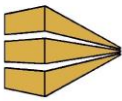
Options when specifying glulam are:

- Treatment: Untreated, H1.2 (Boron), H3.2 (CCA) & H5 (CCA)
- Finish: gauge only (non-visual), sanded (visual), bandsawn.
- Strength grade: GL8, GL10 or GL12.

Glulam has specific requirements for handling, transport, storage and maintenance (particularly in exposed environments).

Glulam is typically not branded due to its visual nature and will come with supporting documentation attached to the end of the member or in the packaging.

Laminated Beams manufactures to AS/NZS 1328:1:1998 Glued Laminated Structural Timber and AS5068: 2006 Timber Finger joints in Structural Products and is 3rd party audited by Bureau Veritas.



Scope of Use

SCOPE	Conditions of use
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	Where the building has been designed to NZS3604:2011 or SED design specifies the product (NZS3603:1993 or NZS AS 1720.1:2022).
In all wind zones	Where the building has been designed to NZS3604:2011 or SED design specifies the product (NZS3603:1993 or NZS AS 1720.1:2022).
In all seismic zones	Where the building has been designed to NZS3604:2011 or SED design specifies the product (NZS3603:1993 or NZS AS 1720.1:2022).
In all exposure zones and service class 1, 2 or 3 areas	Exposed & sheltered timber to be protected against damage from moisture using solvent/oil based primary coating. Exterior coatings to have LRV greater than 45%.
As a direct replacement for SG8, SG10 and SG12 timber products	Dimensions to be at least the same as the SG timber.
As in ground posts	Treatment to be H5 and in-ground portion to have suitable protective coating.

Relevant Building Code Clauses

- B1- Structure: B1.3.1, B1.3.2, B1.3.3 (a)(f)(g)(h)(i)(m)(q), B1.3.4
Products manufactured to AS/NZS 1328:1:1998 Parts 1 & 2 and AS5068: 2006
- B2- Durability: B2.3.1 (a)(b), B2.3.2 (b)
Laminates are pre-treated to NZS3640:2003.
- C6- Protection from Fire Structural Stability
Design criteria specified in NZ3603-1993

Supporting Documentation

For further information supporting Glulam claims refer to our website.

Contact Details

Name: Laminated Beams Ltd
NZBN: 9429047297753
Address: 42 Paraone Koikoi Drive, Tauriko, Tauranga 3110
Website: www.laminatedbeams.co.nz
Email: enquiries@laminatedbeams.co.nz
Phone: 07 542 4540

Responsible Person

As the responsible person as set out in Regulation 3, I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is therefore to the best of my knowledge, correct.

I can also confirm that Glulam is not subject to a warning on ban under S26 of the Building Act.

Signed for and on behalf of Laminated Beams.

Nick Kember

Nick Kember, Director, October 2023