

Northlam glulam posts and beams

Designated building product: Class 1

Declaration *Northlam Ltd has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.*

Company details

Manufacture location	New Zealand
Legal name of manufacturer	Northlam Ltd
Manufacturer address for service	131 Quarry Road Kaitaia 0482
Manufacturer website	www.northlam.co.nz
Manufacturer email	orders@northlam.co.nz
Manufacturer phone number	+64 9 408 7449
Manufacturer NZBN	9429051239220

Description

Northlam manufactures glulam timber products from New Zealand grown radiata pine. Glulam members are used in structural and decorative applications inside and outside residential and commercial buildings. They can also be used in a range of other areas including bridges, pergolas, and artistic applications.

Northlam posts and beams are produced from New Zealand grown radiata pine, primarily coming from Northland Forests which are known for producing some of the highest density timber in the country. The timber comes to us as rough sawn, pre-treated, kiln dried lumber which we then process. Our product is often finger jointed then laminated using polyurethane adhesive.

Our product can be supplied in different options as follows:

- Size up to: 630x270x14000
- Treatment: Untreated, H1.2 (boron), H3.2 (CCA), H5 (CCA)
- Finish:
 - Appearance grade A (Stain quality)
 - Appearance grade B (Paint quality)
 - Appearance grade C (Non-visual)
- Structural grade: GL8, GL10, GL12

Our product is manufactured in accordance with the following standards:

- AS/NZS 1328:1:1998. Glued laminated structural timber.
- AS 5068:2006. Timber finger joints in structural products.

Northlam's manufacturing and record keeping process is independently verified by Grade Right NZ Ltd. Who ensures we conform to the above standards.

Scope and limitations of use

Scope	Limitations
In all wind zones as defined in NZS 3604:2011	Must be designed to (NZS3604:2021). Or has had a specific engineered design carried out to (NZS3603:1993 or NZS AS 1720.1:2022)
In all exposure zones: Service class 1, 2 or 3	-Fixings must be in accordance with section 4 of (NZS 3604:2011) -Installer to have read and fully understand Northlam's Care and maintenance instructions
In all seismic zones	
As a direct replacement for SG8, SG10 and SG12 framing timber (or other equivalent)	Northlam posts and beams must not be altered in width and height without consultation before hand
For use as in ground posts	In ground portion of post must be sealed prior to installation
For use in any residential or commercial building	Must be designed to (NZS3604:2021). Or has had a specific engineered design carried out to (NZS3603:1993 or NZS AS 1720.1:2022)

Contributions to compliance

Code clause	Evidence
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 and AS5068:2006 (3 rd party certified by Grade Right NZ Ltd)
B2 Durability: B2.3.1(a), B2.3.2(b)	-Products manufactured to AS/NZS 1328:1:1998 and AS5068:2006 (3 rd party certified by Grade Right NZ Ltd) -Lamella are treated to NZS3640:2003 (By others)
C6 Protection from fire:	-Specified in NZS3640:1993 -BRANZ study report 42 (1996) "Charring rates of timber"

Supporting documentation

For further information please visit our website www.northlam.co.nz

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 or ban under [s26 of the Building Act](#).

Signed for and on behalf of **Northlam Ltd**:

Andrew Bennie
 Director
 February 2024

