

PROLAM PLX20® BEAMS & PORTAL BPIR DECLARATION

Version 1.0 February 2024



DESIGNATED BUILDING PRODUCT: Class 1

DECLARATION

Prowood Ltd has provided this declaration to satisfy the provisions of the [Building \(Building Product Information Requirements\) Regulations 2022](#).

COMPANY DETAILS

Name	Prowood Ltd
Role	Manufacturer
NZBN	9429033504179
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DESCRIPTION OF BUILDING PRODUCT

Prowood is a New Zealand-based manufacturer of glulamined timber products under the brand Prolam.

The Prolam PLX20® glulam beam is a structural, patented, steel reinforced, glulamined beam. The steel is inserted in the top and bottom lamina of a Prolam beam. The PLX20® is supplied by Prowood for use as ridge and floor beams, lintels and rafters.

The beams are supplied in,

- 2 sizes (mm) – 240 x 90, 290 x 90,
- 6 lengths (m) – 3.6, 4.2, 4.8, 5.4, 6.0, 6.6,
- pre-camber (mm) – length/800,
- non-visual grade, and
- treated to hazard class H1.2.

The glulam used in PLX20® Beams are manufactured from timber sourced from sustainably managed forests and may be made from FSC certified timber where requested. Glulamination is in accordance with [AS/NZS 1328.1:1998](#) and treatment is in accordance with [NZS 3640:2003](#).

Prowood also supply prefabricated PLXP portals. These are manufactured from a PLX20® beam and two Prolam beams. They may be used as a direct alternative to a traditional or steel timber portal.

Prowood offers an online specification (the [Prolam Specifier](#)) to assist a designer in specifying a PLX20® beam or portal.

CONTRIBUTION TO BUILDING WORK CODE OBLIGATIONS

Prowood relies on third party certification, their in-testing programme, and external engineering advice to make the following claims in respect of the Prolam PLX20® beams and PLXP portals.

PLX20® beams and PLXP portals comply with the following provisions of the NZ building code:

- B1 (Structural): B1.3.1, B1.3.2, B1.3.3 (a, b, f, g, h, j, m, q), B1.3.4
- B2 (Durability): B2.3.1 (a)
- F2 (Hazardous Building Materials): F2.3.1

FOR FURTHER INFORMATION

PLX20® beams and PLXP portals must be specified, stored and installed in accordance with all information supplied by Prowood Ltd.

For supporting information, refer to [Prowood Ltd.](#)

RESPONSIBLE PERSON

In accordance with Regulation 8, as the responsible person 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 PLX20® beams and PLXP portals, as referred to in this statement, are not subject to a warning or ban under [s26 of the Building Act](#).

Signed for and on behalf Prowood Ltd:

John Woodman

John Woodman
MANAGING DIRECTOR

February 2024