

PUKEPINE
SAWMILLS

PUREPINE
MOULDINGS

PRODUCT PRODUCER STATEMENT


AUGUST 2019 | VERSION 1.1

STRUCTURAL GRADE (SG) TIMBER

Grading

Pukepine Sawmills (1998) Ltd (Pukepine) produces SG8 structural timber that complies with the design requirements of NZS3604:2011 Timber Framed Buildings. The engineering properties are contained in NZS3603:1993 A4 and are verified by the process specified in NZS3622:2004 A1.

Each board is labelled with black ink at 1.5 metre intervals showing:

- Timber Grade: SG8
- Manufacturing Standard: AS/NZS 1748 (1997) for Machine Stress Graded timber or NZS 3631:1988 for Visually Stress Graded timber
- Qualified Grading Auditor: Verified Timber's brand 
- Producing Company: PUKEPINE

Any Structural Timber displaying the following marking complies with the above mentioned standards in terms of stiffness, strength, knot-size, permissible distortion and other allowable characteristics.

Pukepine SG8 timber if prescribed and installed in accordance with the New Zealand Building Code will assist in meeting the following provisions:


Clause B1 Structure: Performance B1.3.1, B1.3.2, B1.3.3 (a, b, c, g, h, q), B1.3.4(d)

Scope of Use

Pukepine Structural grade timber may also be used as a structural framing member for specifically designed building components in accordance with NZS 3603 when designed by a Chartered Professional Engineer.

Treatment

PUKEPINE produces H1.2, H3.2, H4 and H5 treated timber that complies with the requirements of NZS3640:2003 A4 Chemical Preservation of Round and Sawn Timber. Each board is labelled with either a tag on one end or with printing on the face of the board showing:

- Treatment Plant Number: 671 is PUKEPINE SAWMILLS
- Treatment Chemical: 1 is CCA, 11 is Boron
- Hazard Class: H1.2, H3.2, H4 or H5
- Qualified Treatment Auditor: NZTPC Woodmark brand 
- Producing Company: PUKEPINE

Moisture Content

PUKEPINE produces kiln dried structural timber that has an average moisture content of between 12% and 16% at the time of drying. As with all timber, it will absorb or release moisture as it adapts to the local equilibrium moisture content and it is recommended that all kiln dried timber is kept dry until the building is fully enclosed.

Sizing

PUKEPINE produces SG8 structural timber that complies with the requirements of the NZTIF Structural Timber Quality Scheme. This sets a tolerance of +/- 1mm from the timber design size at time of manufacture. The timber design size is printed on the side of the board. The absorption or release of moisture will affect sizing.

| Sawn | Gauged |
|-----------|----------|
| 75 x 50 | 70 x 45 |
| 100 x 50 | 90 x 45 |
| 150 x 50 | 140 x 45 |
| 200 x 50 | 190 x 45 |
| 250 x 50 | 240 x 45 |
| 300 x 50 | 290 x 45 |
| 100 x 100 | 90 x 90 |



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