



## PRODUCER STATEMENT FOR STRUCTURAL TIMBER PRODUCTS

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### **GRADING:**

MCALPINES TIMBER LTD, MCALPINES ROTORUA LTD (MCALPINES) produces SG10, SG8 and SG6 structural lumber 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:

- SG10, SG8, or SG6

Manufacturing Standards:

- AS/NZS 1748 (1997) for Machine Stress Graded timber or
- NZS 3631:1988 for Visually Stress Graded timber
- Qualified Grading Auditor: Verified Timber - each board displays this brand 
- Producing Company: MCALPINES TIMBER LTD or MCALPINES ROTORUA LTD

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.

### **TREATMENT:**

MCALPINES produces H1.2, H3.1, H3.2, and H4 treated lumber 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: 700 is MCALPINES TIMBER, 689 is MCALPINES ROTORUA.
- Treatment Chemical: 1 is CCA, 11 is Boron • Hazard Class: H1.2, H3.2, or H4.
- Qualified Treatment Auditor: NZTPC Woodmark brand. 
- Producing Company: MCALPINES TIMBER LTD or MCALPINES ROTORUA LTD.

### **MOISTURE CONTENT:**

MCALPINES 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:**

MCALPINES produces SG10, SG8, and SG6 structural lumber that complies with the requirements of the NZTIF Structural Timber Quality Scheme (Draft October 2011). 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.