



Type of board	Minimum wall length (mm)	Nail spacing (mm)	Tiedowns (kN)	BU/m wind	BU/m e'quake
9mm Strandboard	600	150	6	105	115
9mm Triboard	600	150	6	110	125
12mm Strandboard	600	150	6	110	125
15mm Triboard	600	150	6	120	130
15mm Triboard	1200	75	12	155	160

Notes

- 12kN tie down only to be used into concrete floor.
- Nails for fixing board to wall framing to be 40 x 2.8mm diameter galvanised flat head nails.
- Intermediate nogs are not necessary for 15mm Triboard.
- The bracing units shown are for board fixed to only one side of the framing.
- The bracing units shown are for a 2.4m high wall. For walls more than 2.4m high, the bracing units need be reduced on a pro rata basis as per NZS 3604, e.g. for a 3m high wall, the bracing units (wind) for 9mm Strandboard are $2.4/3 \times 105 = 84$.

The above information has been developed from tests carried out in the Timber Laboratory of SCION, Rotorua over the period 31 October 2008 to 26 November 2008. The testing was carried out in accordance with the P21 test method and the results were evaluated as per the BRANZ Technical Recommendation No.10, Dec 1991.

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