

Stud Strap



Formed galvanised steel connector designed to provide an effective means of fastening top and bottom wall plates to studs in high wind areas

These formed galvanised steel connectors:

Incorporate nail holes for hand nailing and location dimples for quick and easy gun nailing.

Eliminates timber splitting with the nail locations positioned away from the timber edges and ends.

Provides greater tie-down strength as nails are driven into the side grain of timber to resist wind uplift in shear.

APPLICATION - HAND-NAILED

The Stud Strap must be fixed on the same side as the truss fixing (for uplift) or the same side as the bracing.

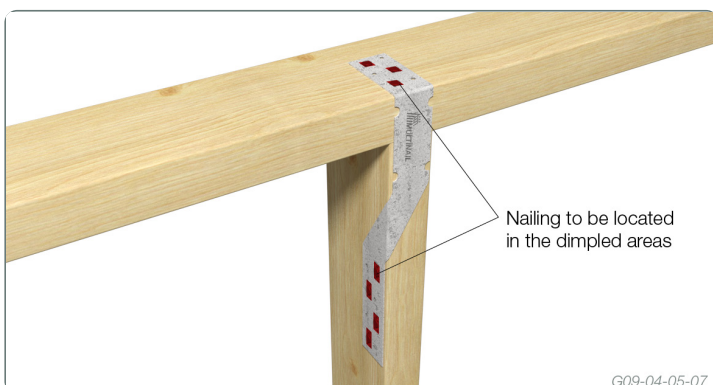
The vertical bend of the Stud Strap should be placed over the stud to top plate joint.

Secure using Multinail 30mm x 2.8Ø hand nails through the nail holes provided or 32mm x 2.5dia hardened screwshank nails located in the dimpled areas.

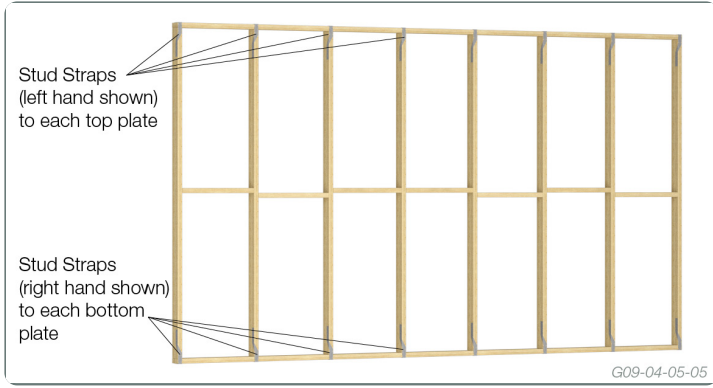


APPLICATION GUN-NAIL

All nails need to be 32mm long x 2.5Ø hardened screw shank nails and comply to AS2334-1980 or ASTM F1667-15.

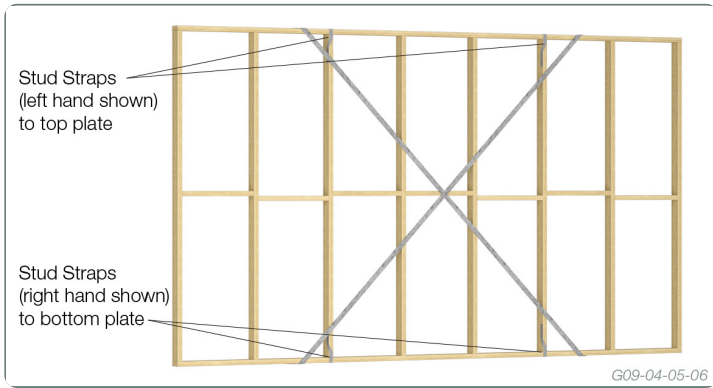


TYPICAL TIE-DOWN USE



G09-04-05-05

TYPICAL WALL BRACE USE



G09-04-05-06

LIMITED STATE DESIGN LOADS

The following table gives the recommended Wind Uplift Limit State Design capacities for the Multinail Stud Strap.

These capacities depend on the joint group of the timber to which the Stud Strap is nailed.

NOTE: Stud Strap to be used in conjunction with standard framing practices; e.g. 2/3.05mm diameter nails in end grain of studs.

Nails in Top Plate	Nails in Stud	Design Capacity N_j (kN) per Stud Tie for Timber Joint Group		
		JD3/J2	JD4/J3	JD5
3	4	4.2	3.8	3.1

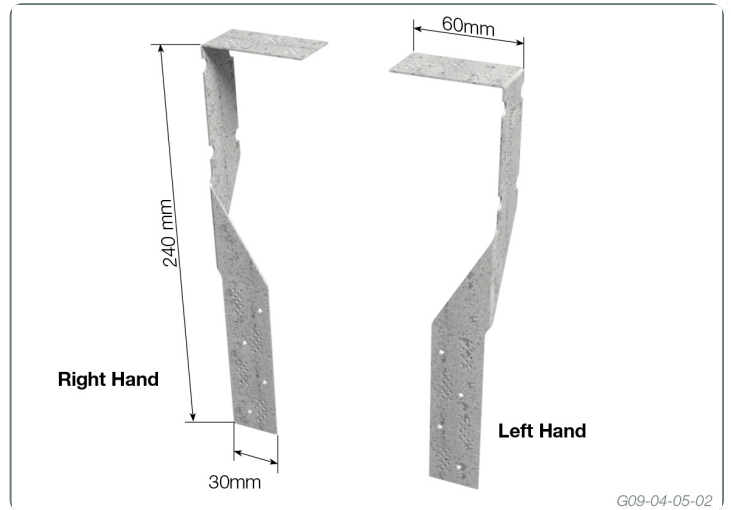
NOTE: The capacities are derived from AS1720-2010 and are for uplift in houses where failure is unlikely to affect an area greater than 25m². For primary elements in structures other than houses or elements in a house for which failure would be greater than 25m² these capacities must be multiplied by 0.94. For primary joints in essential services or post disaster buildings multiply by 0.88.

DESCRIPTION AND PACKAGING

Manufactured from 1.0mm Galvanised G300 Z275 Steel

Description	Product Code	Reference Code	Carton quantity	Carton kg.
LH	SSL-100	SSL-100	100	7.0
RH	SSR-100	SSR-100	100	7.0

30mm x 2.8Ø Multinail Nails (TA302)



Due to continual product improvement Multinail Australia Pty Ltd. reserves the right to change the product/s depicted - both in description and specification. This document has to be read in conjunction with Multinail's Technical Manual.