

Nail On Stud Tie



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:

Incorporates preformed teeth and/or nails making it quick and easy to apply.

Eliminates timber splitting as the preformed teeth and/or nails are positioned away from timber ends and edges.

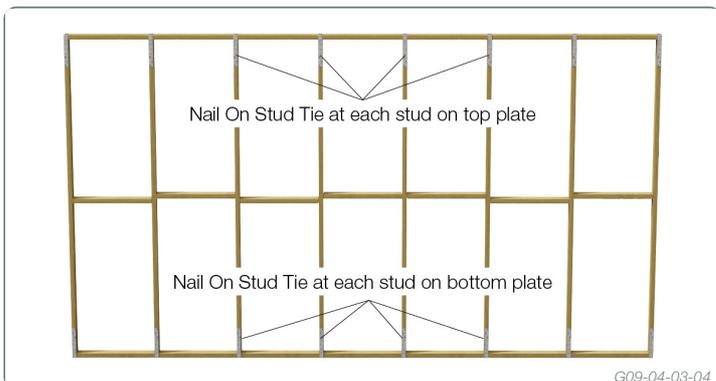
Provides greater tie-down strength as it is driven into the side grain of timber to resist wind uplift in lateral shear.

APPLICATION

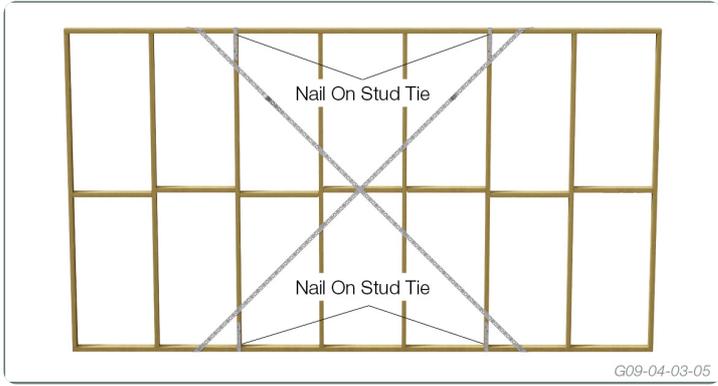
The Nail On Stud Tie must be fixed on the same side as the truss fixing (for uplift) or the same side as the bracing. The vertical bend of the Nail On Stud Tie should be placed over the stud to top plate joint. Secure using pneumatically driven 32 x 2.5mm hardened screwshank nails using the 'crosses' marked on the Nail On Stud Tie.



TYPICAL TIE-DOWN USE



TYPICAL WALL BRACE USE



LIMITED STATE DESIGN LOADS

The following table gives the recommended Wind Uplift Limit State Design capacities for the Multinail Nail On Stud Tie. These capacities depend on the joint group of the timber to which the Nail On Stud Tie is nailed.

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

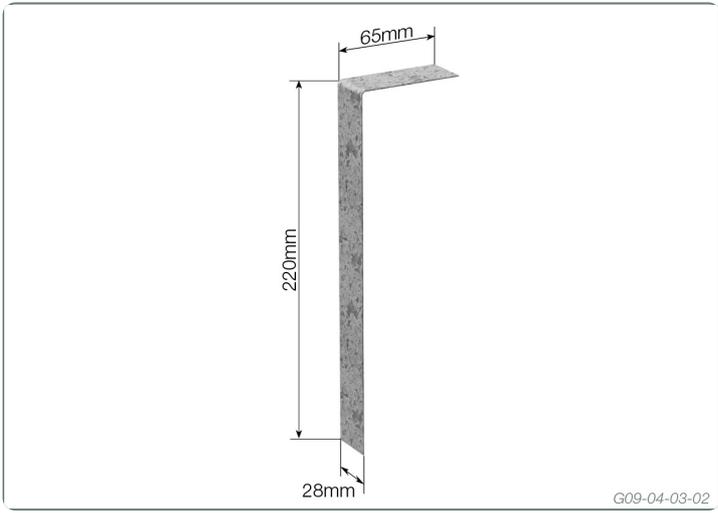
Nails in Top Plate	Nails in Stud	Design Capacity N_j (kN) per Stud Tie for Timber Joint Group		
		JD3/J2	JD4/J3	JD5
3	5	5.4	3.8	3.1

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.
122 x 45 x 55mm	TA310	IWB-100	100	5.5
122 x 45 x 55mm	TA010	IWB-300	300	16.5
Pallet bin	TA010W	IWB-P	12000	640.0
122 x 45 x 55mm	FWB100	FWB-100	100	5.5
122 x 45 x 55mm	FWB300	FWB-300	300	16.5
Pallet bin	FWBP	FWB-P	12000	640.0
30mm x 2.8Ø Multinail Nails (TA302)				



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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.