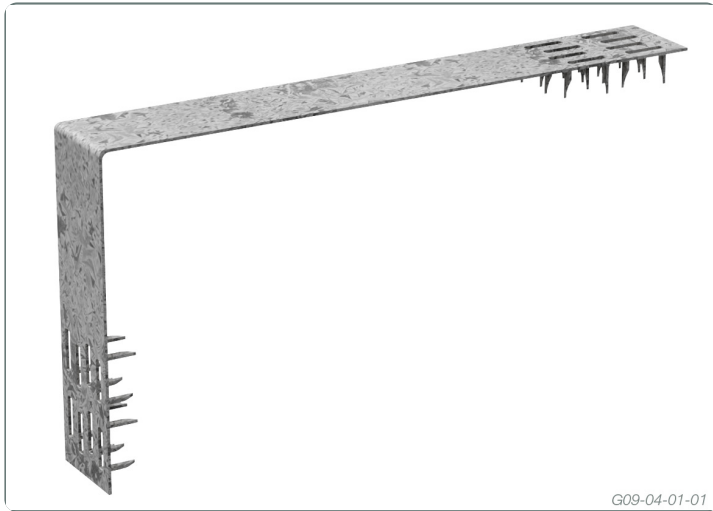


## Stud Tie



G09-04-01-01

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



G09-04-01-03

#### Step 1

Position the shorter leg of the Stud Tie on the external side of the wall plate and hold firmly.

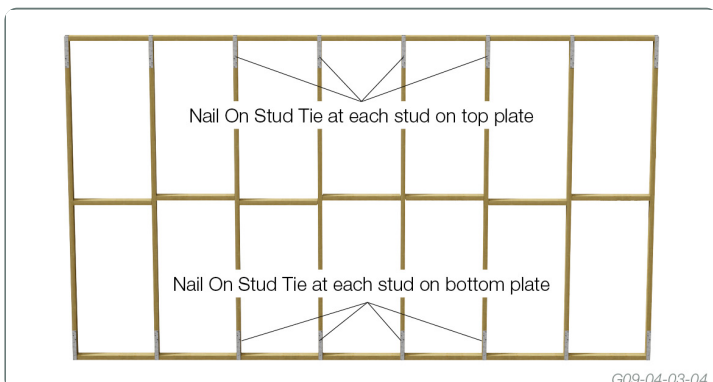


G09-04-01-04

#### Step 2

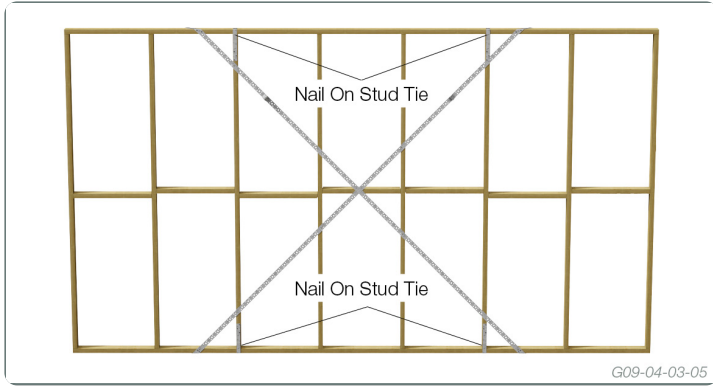
Hammer the preformed teeth into the stud and then bend the longer leg around the plate. Once a tight bend is achieved, hammer the remaining teeth into the other side of the stud.

### TYPICAL TIE-DOWN USE



G09-04-03-04

## TYPICAL WALL BRACE USE



## LIMITED STATE DESIGN LOADS

The following table gives the recommended Wind Uplift Limit State Design capacities for the Multinail Stud Ties. These capacities are dependent upon the joint group of the timber to which the Multinail Stud Ties are affixed.

Design Capacity (kN) per Stud Tie					
Unseasoned Timber			Seasoned Timber		
J2	J3	J4	JD3	JD4	JD5
9.9	9.9	6.1	9.9	7.6	6.1

NOTE: The capacities are derived from AS1720-2010 and are for uplift in houses where failure is unlikely to affect an area greater than 25m<sup>2</sup>. For primary elements in structures other than houses or elements in a house for which failure would be greater than 25m<sup>2</sup> 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 28 x 1.0mm Galvanised G300 Z275 Steel

Description	Product Code	Reference Code	Carton quantity	Carton kg.
Stud Ties (B x L)				
250 x 150	TA026	ST250150	100	9.5
190 x 110	TA028	ST190110	150	10.5

