

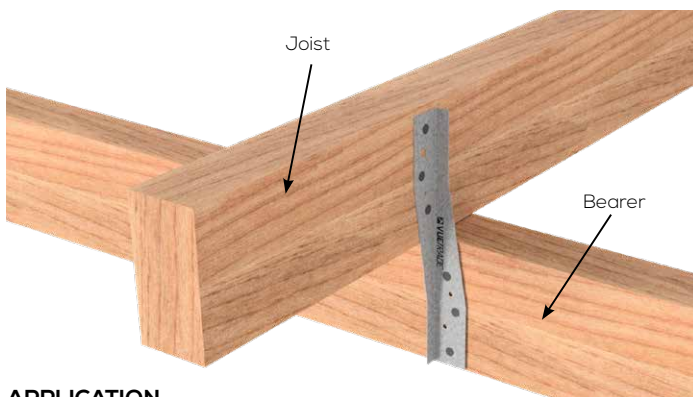
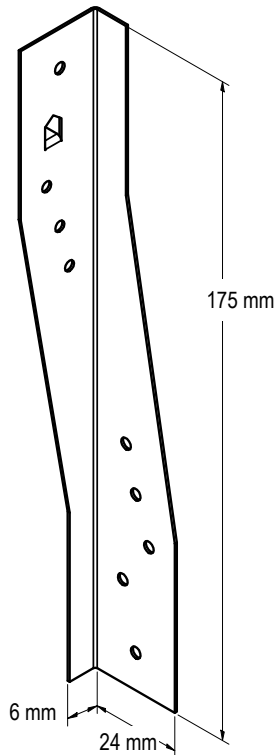


# GALVANISED JOIST STRAPS

JUN23

Compliant with the requirements of AS1684. Designed and tested to AS1649.

**G GALVANISED**



## APPLICATION

VUETRADE Galvanised Joist Straps are simple connectors for fixing ceiling joists to hanging beams and rafters to beams at right angles, with VUESPIKES for easy positioning before fixing.

## SPECIFICATION

VUETRADE Galvanised Joist Straps are Australian Made and manufactured using G300 Z275 galvanised steel in 0.6mm thickness.

## FASTENERS

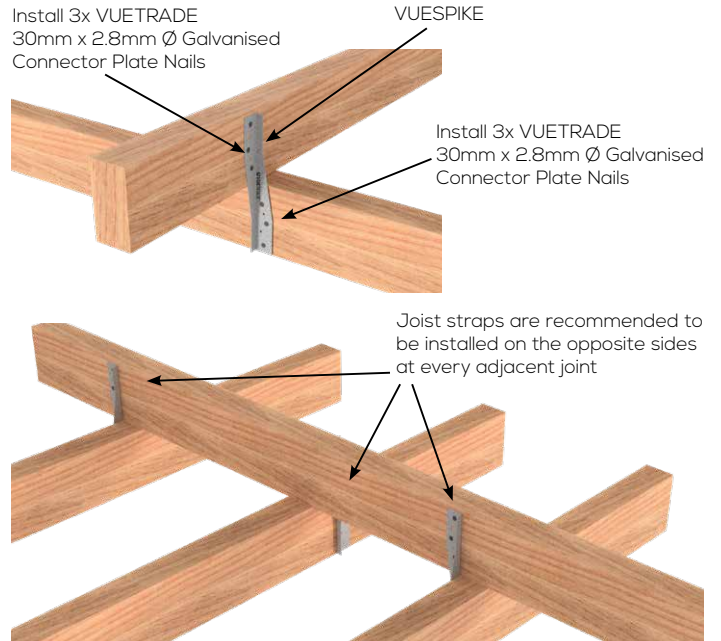
**Nails:** Use only VUETRADE 30mm x 2.8mm Ø Galvanised Connector Plate Nails

## SIZES

Product Code	Size (mm)	Box Qty
VTJSI50	175mm	150

## INSTALLATION GUIDE

Install 3x VUETRADE 30mm x 2.8mm Ø Galvanised Connector Plate Nails



1. Position VUETRADE Galvanised Joist Straps and drive VUESPIKE into place for ease of positioning.
2. Drive VUETRADE 30mm x 2.8mm Ø Galvanised Connector Plate Nails into both timber members, using 3 nails per end.
3. Design capacity of Joist Strap will increase with more nails installed through pre-bored holes. Do not punch through sheet material as it will result in a weaker and non-compliant connection. For more information about specific design load capacities please contact VUETRADE.

## DESIGN CAPACITY DATA

Table 1: Joist Strap design capacity data

Load Case	Design Capacity for Timber Joint Groups, kN					
	J3	J4	J5	JD3	JD4	JD5
<b>DL</b>	1.2	0.8	0.6	1.6	1.2	1.0
<b>DL + FLL</b>	1.4	1.0	0.7	2.0	1.4	1.2
<b>DL + RLL</b>	1.6	1.1	0.8	2.2	1.6	1.3
<b>Wind Uplift</b>	2.3	1.6	1.2	3.2	2.3	1.9

## NOTES:

1. Design capacities in Table 1 are based on installing 3 nails on each end of the Joist Strap using VUETRADE 30mm x 2.8mm Ø Galvanised Connector Plate Nails only.
2. Modification factors k1 for different load cases are adopted from AS1720.1-2010.
3. Design capacities in the Table 1 are based on Category 1 joints where it is applicable for failures that would be unlikely to affect an area of greater than 25m<sup>2</sup>. For Category 2 and Category 3 joints, design capacities from the table are multiplied by 0.941 and 0.882 respectively.

