

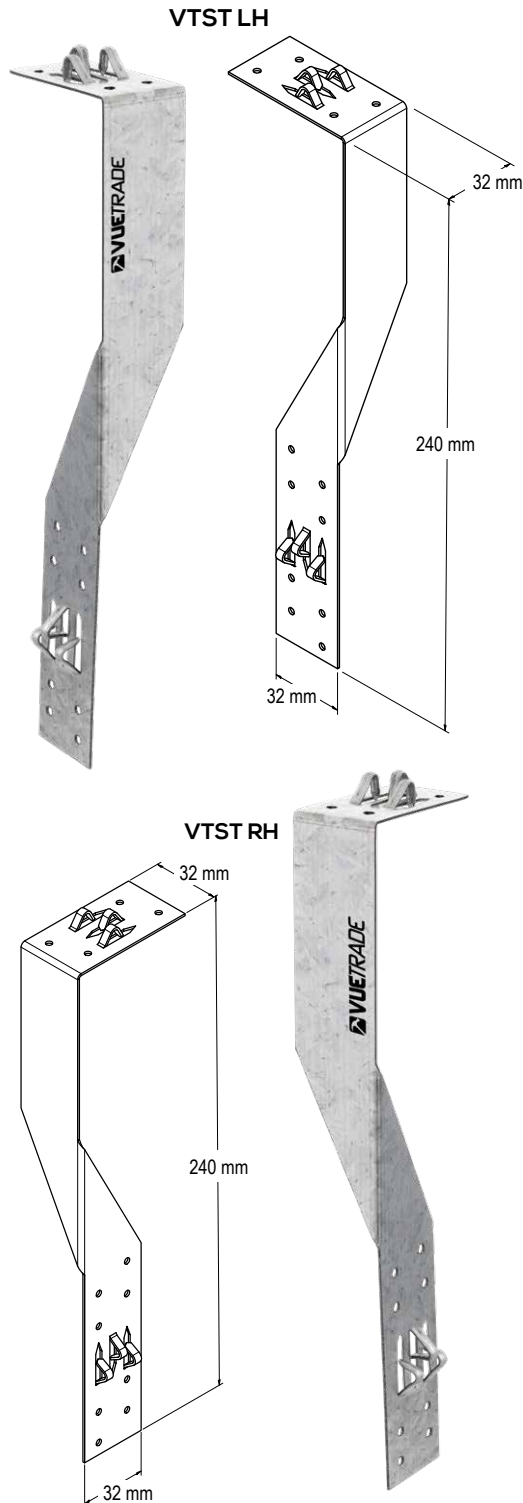


GALVANISED SINGLE SIDED STUD TIES

JUL23

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

G GALVANISED



APPLICATION

VUETRADE Single Sided Stud Ties are used for fastening top and bottom wall plates to studs in high wind areas.

SPECIFICATION

VUETRADE Single Sided Stud Ties are manufactured using G300 Z275 Galvanised Steel.

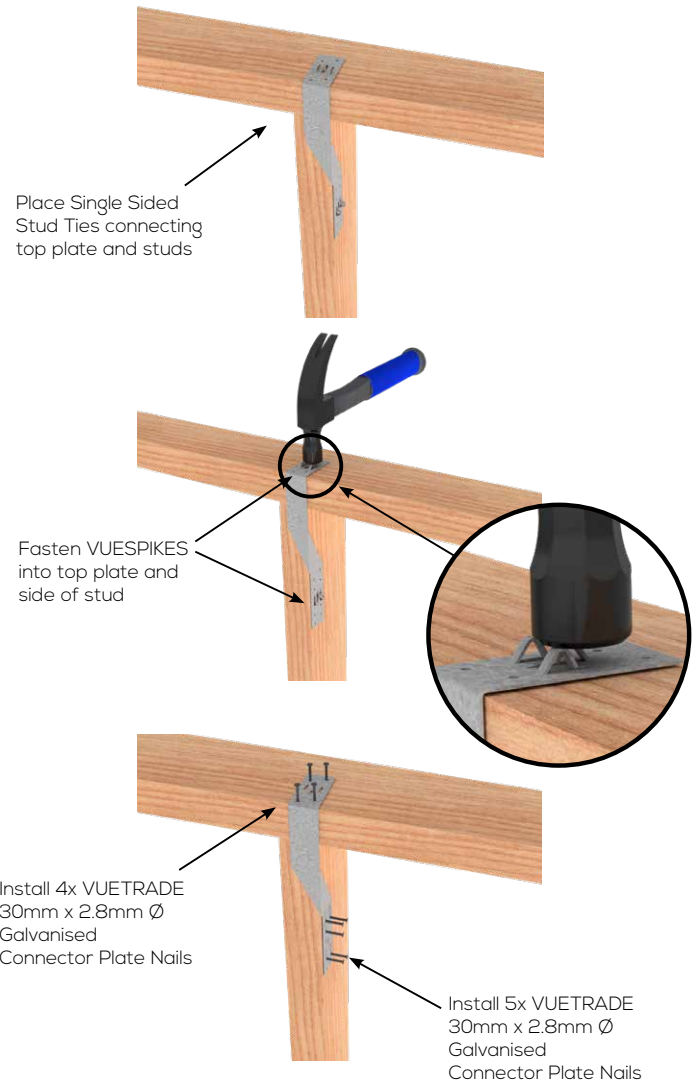
FASTENERS

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

SIZES

Product Code	Nominal Size (mm)	Box Qty
VTSTLH	240 x 60 x 32	75
VTSTRH	240 x 60 x 32	75

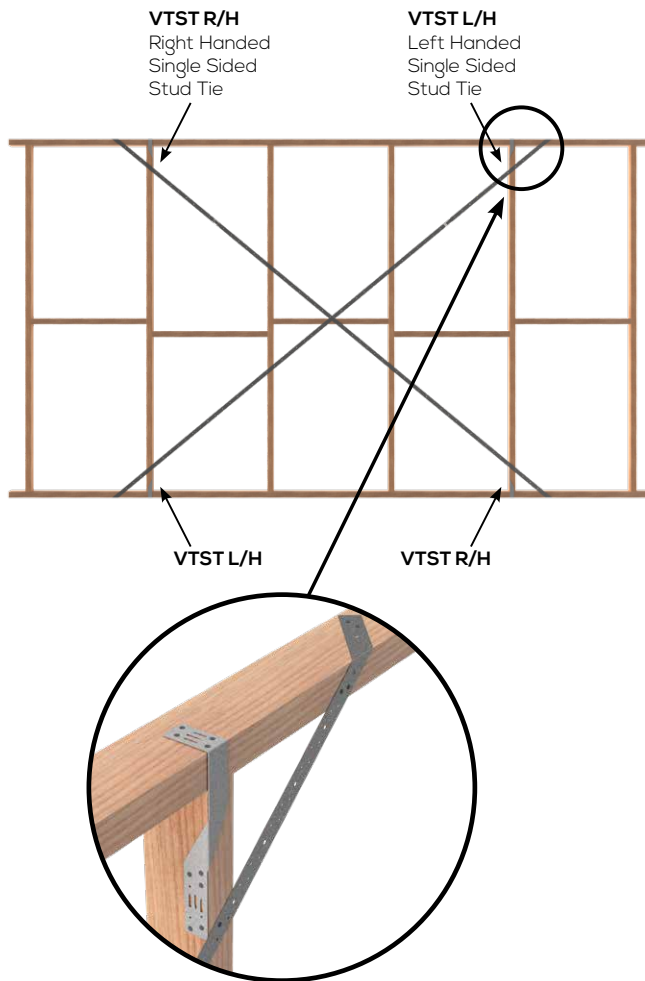
INSTALLATION GUIDE





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DESIGN CAPACITY

Table 1: Design capacity data for Single Sided Stud Ties

Load Case	Design Capacity for Timber Joint Groups, kN					
	J3	J4	J5	JD3	JD4	JD5
Wind Uplift	3.4	2.4	1.8	5.0	3.6	2.9

NOTES:

1. Design capacities in Table 1 are based on installation of Single Sided Stud Ties with 5 nails on side stud and 4 nails on top plates using VUETRADE 30mm x 2.8mm Ø Galvanised Connector Plate Nails only.
2. Modification factors k_1 for different load cases are adopted from AS1720.1-2010.
3. Design capacities in 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 25m². For Category 2 and Category 3 joints, design capacities from the table are multiplied by 0.941 and 0.882 respectively.
4. Design capacity of Single Sided Stud Ties may be increased 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.

NOTES:

1. Use only VUETRADE 30mm x 2.8mm Ø Galvanised Connector Plate Nails when installing Single Sided Stud Ties. Install only through pre-bored holes, do not drive nails through Stud Ties sheet metal as it will result in a weaker and non-compliant joint.
2. Fixing of Single Sided Stud Ties shall be on the same face as the bracing and/or same face of truss fixing.

VUETRADE Single Sided Stud Ties can be used as an alternative fixing method for wall bracing in accordance with AS1684. Refer to AS1684.2:2021 and AS1684.3:2021 for more bracing details.

