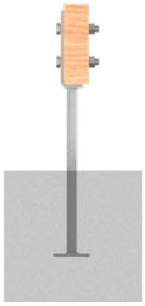
GALVANISED L STIRRUP POST SUPPORTS

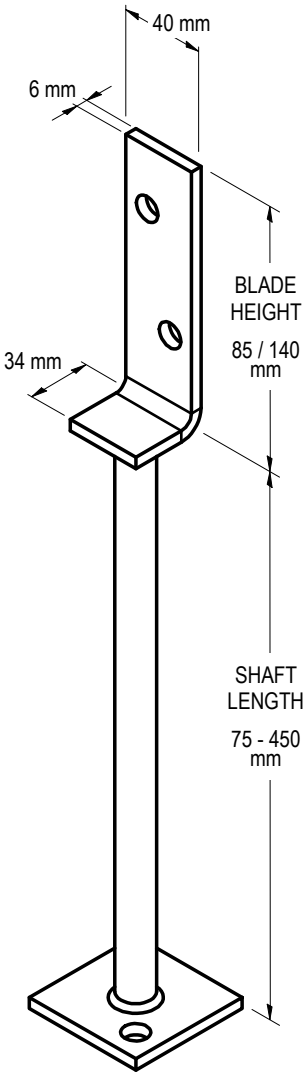
Compliant with the requirements of AS1720.

G GALVANISED

BOLTED TO CONCRETE

CAST INTO CONCRETE





APPLICATION

L Stirrup Post Supports are strong connectors ideal for fixing timber joists and stair stringers, setting into concrete.

SPECIFICATION

VUETRADE Galvanised L Stirrup Post Supports are manufactured in 6.0mm thick G300 steel and corrosion protected with Hot-Dipped Galvanised.

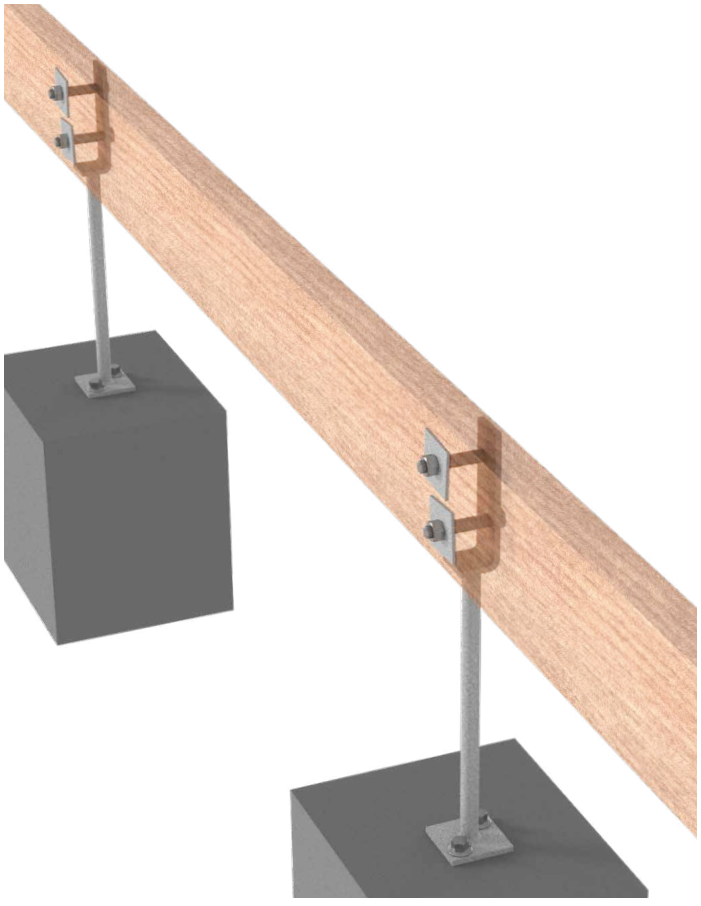
FASTENERS

Saddle: 2x appropriate M12 bolts with washers and hex nuts

Base: 2x M12 concrete bolt or equivalent

SIZES

Product Code	Blade Height (mm)	Shaft Length (mm)	Box Qty
VLSPS7585	85	75	10
VLSPS12585	85	125	10
VLSPS30085	85	300	10
VLSPS45085	85	450	10
VLSPS300140	140	300	10
VLSPS450140	140	450	10

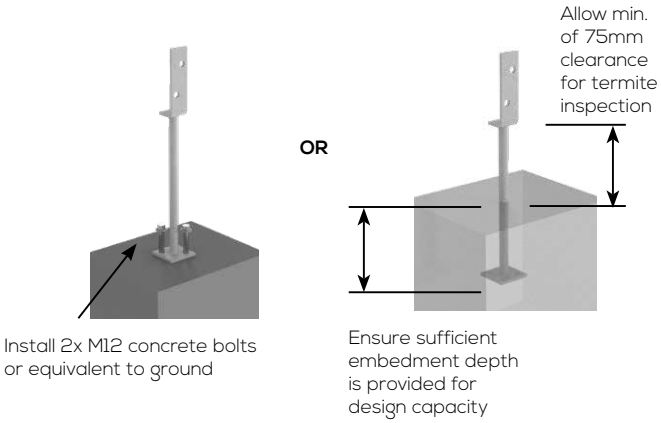


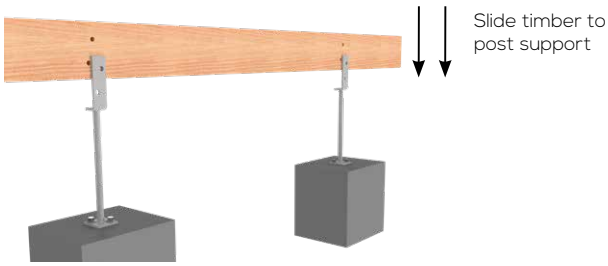
technical@bellevuegroup.com.au
1300 850 520 www.vuetrade.com

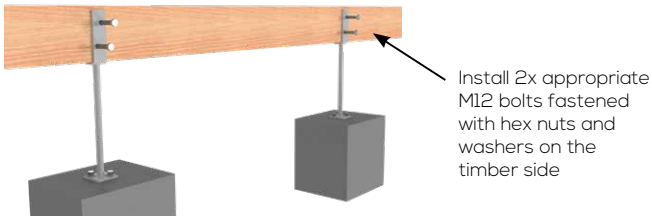
GALVANISED L STIRRUP POST SUPPORTS

OCT25

INSTALLATION GUIDE AND BOLT FIXING SCHEDULE







NOTES:

1. Embedment depth of VUETRADE Post Support should be determined and calculated by a Structural Engineer to achieve the reported design load. This usually depends on the type of concrete used, aggregate ratio etc.
2. Washers used with bolts shall adhere to the minimum required size stipulated in AS1720.1 Table 4.11 and are used on the timber side only.
3. 75mm clearance must be provided to conform to the requirements set out by AS3660.1:2014 - *Termite management, Part 1: New building work.*

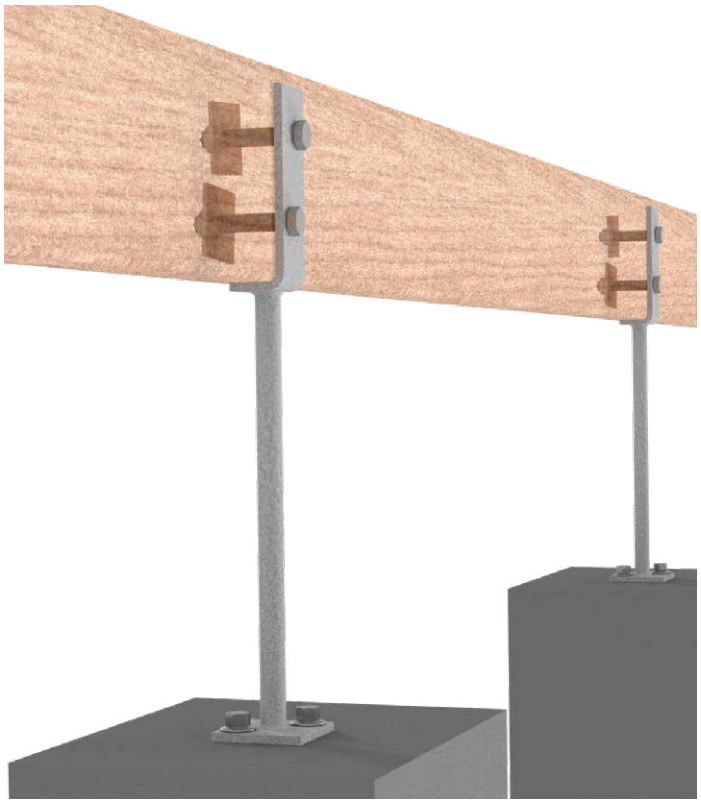
DESIGN CAPACITY DATA

Table 1: Design Capacity of L Stirrup Post Supports in different joint groups

Load Case	Design Capacity, Ndj (kN)					
	J3	J4	J5	JD3	JD4	JD5
Uplift capacity	3.9	2.5	1.7	5.6	4.1	3.0

NOTES:

1. Design capacity in Table 1 applies to VUETRADE Post Supports where 2x appropriate M12 bolts tightly fastened with hex nuts and washers on the timber side are installed.
2. Design capacities for post supports bolted or cast into concrete assumed that there is sufficient anchorage in the concrete to resist the pull-out force imposed by wind loading.
3. Design capacities in the above table are for wind uplift (vertical force direction) only and are obtained under strict in-house test conditions defined by AS1649:2025 – *Timber - Methods of test for mechanical fasteners and connectors* & uplift capacity requirements outlined in AS1720.1-2010 – *Timber structures, Part 1: Design methods.*
4. VUETRADE Post Supports should only be used to resist wind uplift / dead load as specified in the TDS and should not be assumed to provide lateral stability. Sufficient bracing should be provided and approved by a structural engineer for lateral stability.



technical@bellevuegroup.com.au
1300 850 520 www.vuetrade.com