

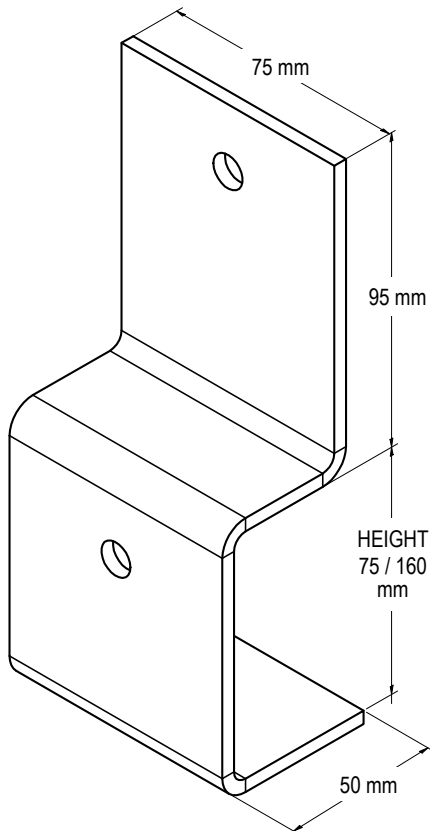


GALVANISED ADJUSTABLE POST SUPPORTS

JUN23

Compliant with the requirements of AS1684 and AS1720.

G GALVANISED



APPLICATION

Adjustable Post Supports are brackets ideal for fixing uncommon or large sizes of timber posts, installed by bolting onto concrete.

SPECIFICATION

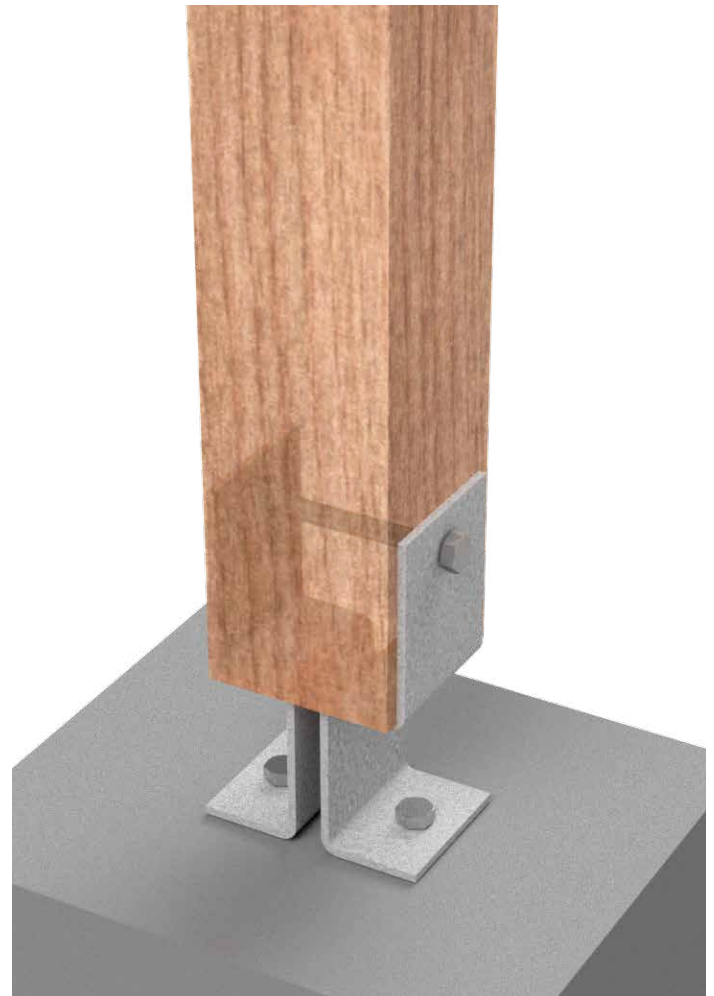
VUETRADE Adjustable Post Support are manufactured from 4mm thick G300 steel and Hot Dipped Galvanised for corrosion protection. Available in wide range of sizes to suit many common timber post sizes.

FASTENERS

- Saddle:** 1x appropriate M10 bolt with hex nut, **OR:**
2x M10 coach screws for larger timber post sizes
- Base:** 2x M10 appropriate anchor bolts or equivalent

SIZES

Product Code	Height (mm)	Thickness (mm)	Box Qty
VAPS75	75	4	10
VAPS160	160	4	10

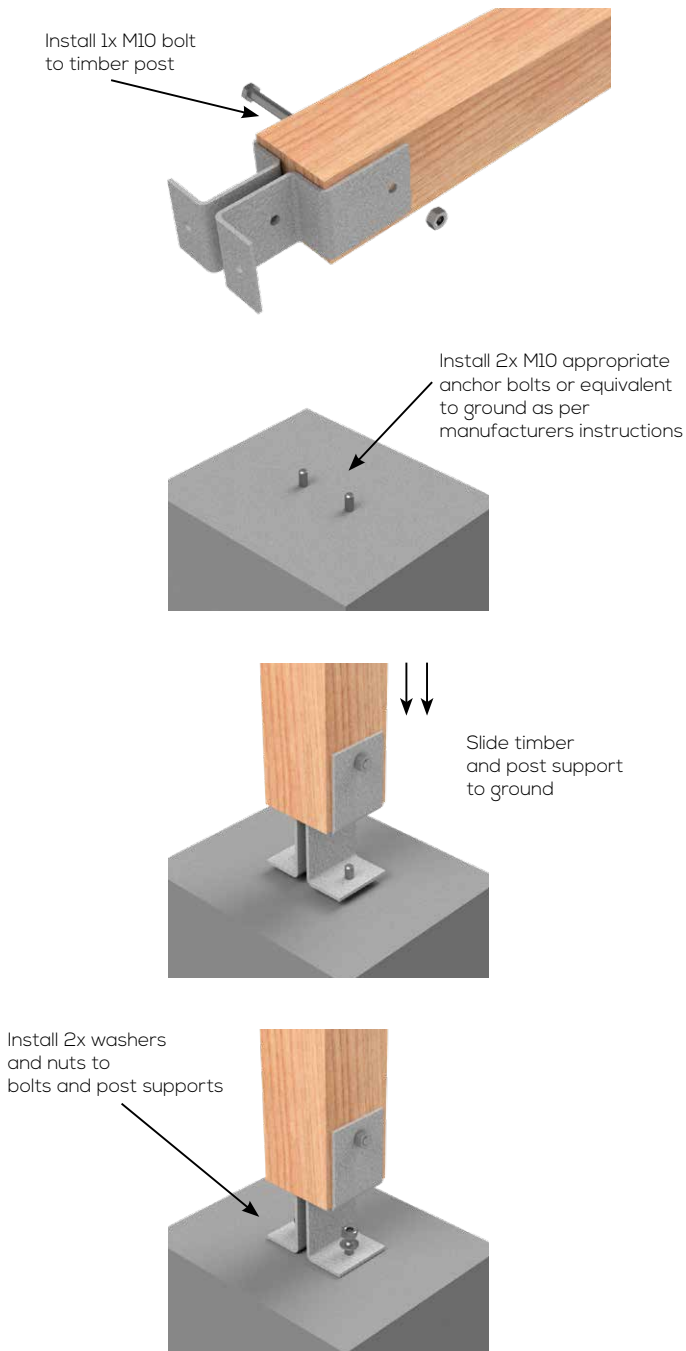




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INSTALLATION GUIDE AND BOLT FIXING SCHEDULE



1. Install 1x M10 bolt, or 2x M10 coach screws to fasten post support to timber post.
2. Ensure that suitable M10 concrete bolts are used when fastening post support to ground.
3. Use only galvanised bolts with galvanised post supports, usage of other steel materials bolts with galvanised post support may lead to bimetallic corrosion.
4. For larger timber sizes, use 2x M10 coach screws.

DESIGN CAPACITY DATA

Table 1: Adjustable Post Support design capacities
[used in pairs]

Load Case	Design Capacity, N_{dj} (kN)
	JD4
Uplift capacity	16 kN

NOTES:

1. Design capacity in Table 1 applies to VUETRADE Adjustable Post Supports where 2x M10 bolts are installed and tightly fastened with hex nuts (where applicable)
2. Bolts at the base of the post supports must have sufficient anchorage to resist wind uplift.
3. Timber post dimensions must have a minimum dimension of 75mm by 75mm section.
4. Design capacities in Table 1 provides capacity for forces in the vertical direction (wind uplifts) only and are obtained under test conditions defined in AS1649-2001 - *Timber - Methods of test for mechanical fasteners and connectors* & uplift capacity requirements outlined in AS1720.1-2010 - *Timber structures, Part 1: Design methods*.
5. 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.
6. Design capacity of post support may be limited by the withdrawal capacity of concrete bolts used to fasten post support to concrete ground. Ensure that suitable concrete bolts are used for above design capacity to be valid.

