



GALVANISED PIN SHAFT POST SUPPORTS

OCT26

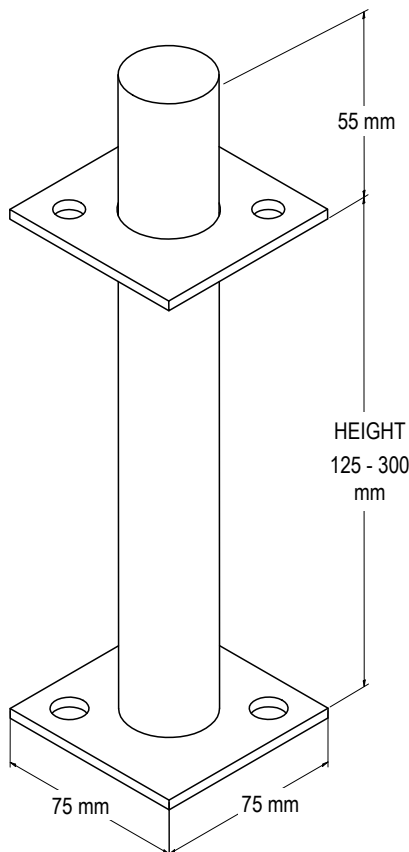
Compliant with the requirements of AS1684 and AS1720.

G GALVANISED

BOLTED TO CONCRETE



CAST INTO CONCRETE



APPLICATION

Pin Shaft Post Supports are brackets ideal for holding timber posts in applications where the post support needs to be totally concealed.

SPECIFICATION

VUETRADE Galvanised Pin Shaft Post Supports are manufactured with a 32mm solid shaft in G300 steel and corrosion protected with Hot-Dipped Galvanised.

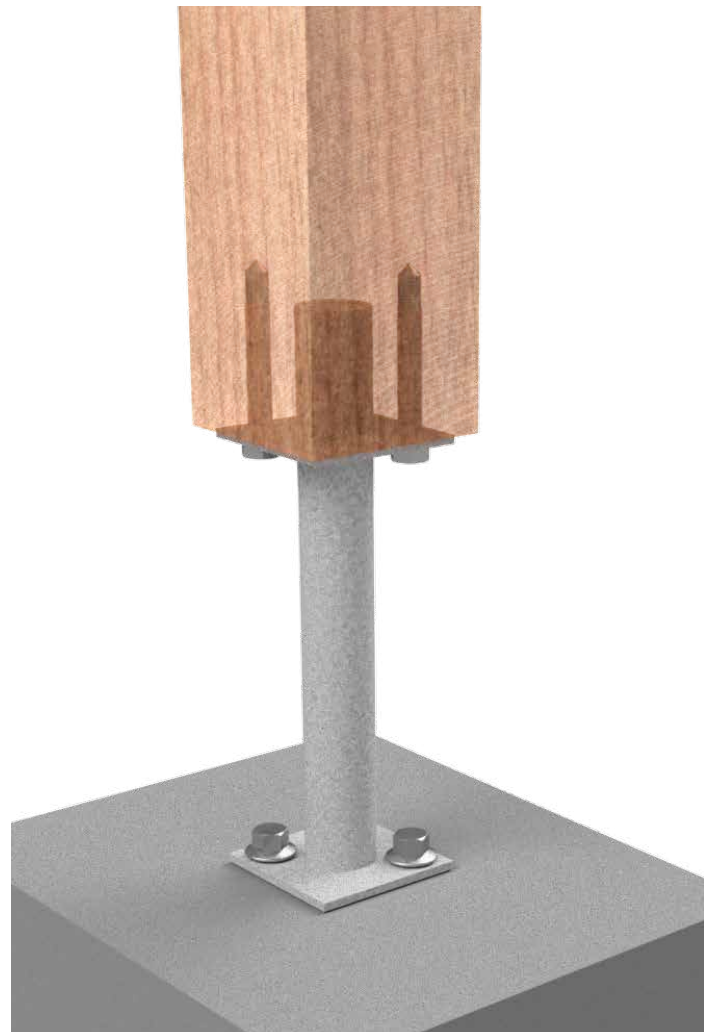
FASTENERS

Saddle: 2x M10 x 75mm appropriate coach screws

Base: 2x M12 concrete bolts or equivalent

SIZES

Product Code	Height (mm)	Box Qty
VPPS125	125	10
VPPS200	200	10
VPPS300	300	10





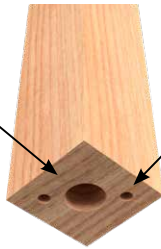
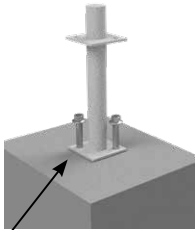
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INSTALLATION GUIDE AND BOLT FIXING SCHEDULE

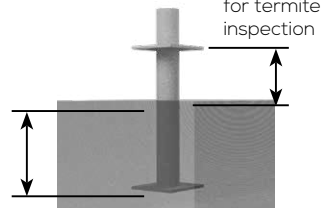
Cut a 32mm Ø cylindrical hole in the middle of timber to a minimum depth of 55mm

Drill 2x 10mm Ø holes in timber to fit M10 coach screws

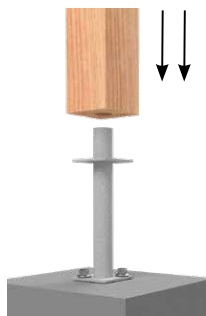


Install 2x M12 concrete bolts or equivalent to ground

OR

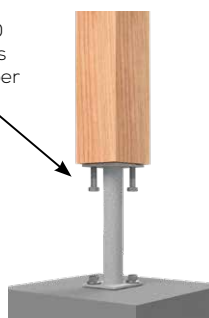


Ensure sufficient embedment depth is provided for design capacity



Slide timber to post support

Install 2x M10 coach screws through timber



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. 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 Table of Pin Shaft Post Support fastened with 2x M10 coach screws

Load Case	Design Capacity, Ndj (kN)					
	J3	J4	J5	JD3	JD4	JD5
Uplift capacity	5.1	3.5	2.6	6.4	4.4	3.3

NOTES:

1. Design capacity in Table 1 applies to VUETRADE Pin Shaft Post Supports where 2x M10 coach screws are installed to the timber through pre-drilled holes at the bottom of post support top plate.
2. Timber posts must have minimum dimensions of 90mm by 90mm section and shall be installed flat to the base of the post support.
3. Footings by others.
 - a. Design capacities for post supports bolted or cast into concrete assumed that there is sufficient anchorage to resist wind uplift.
 - b. Design capacity of this post support may be limited by the withdrawal tensile capacity of concrete bolts used to fasten post support to concrete ground. Ensure that suitable concrete bolts are used for above design capacities to be valid.
4. 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*.
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.
7. Design capacity 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 in this table are modified by multiplying 0.941 and 0.882 respectively.

