


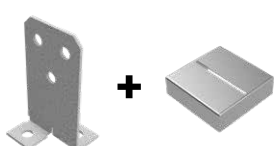


# GALVANISED CONCEALED BOLT DOWN POST SUPPORTS

MAY25

 Compliant with the requirements of AS1720.

**G GALVANISED**



 **BOLTED TO CONCRETE**



## APPLICATION

An alternative to the traditional U-shaped bolt down post supports. This concealed blade design provides excellent support strength with an architectural and concealed finish.

## SPECIFICATION

VUETRADE Concealed Bolt Down Post Supports are manufactured out of G300 steel in 3.5mm thickness and corrosion protected with Hot Dipped Galvanised. The included concealing caps are manufactured in Stainless Steel 304.

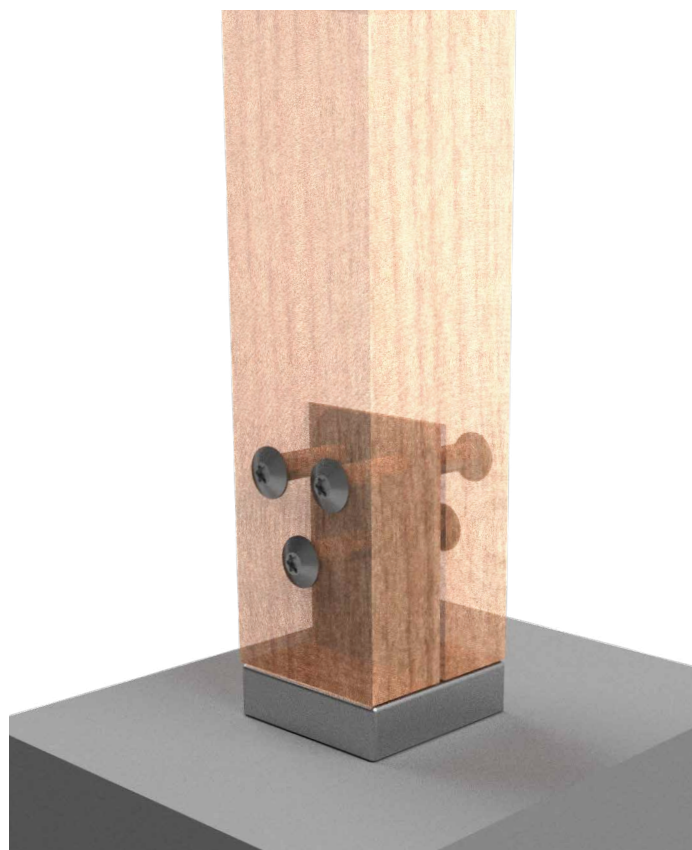
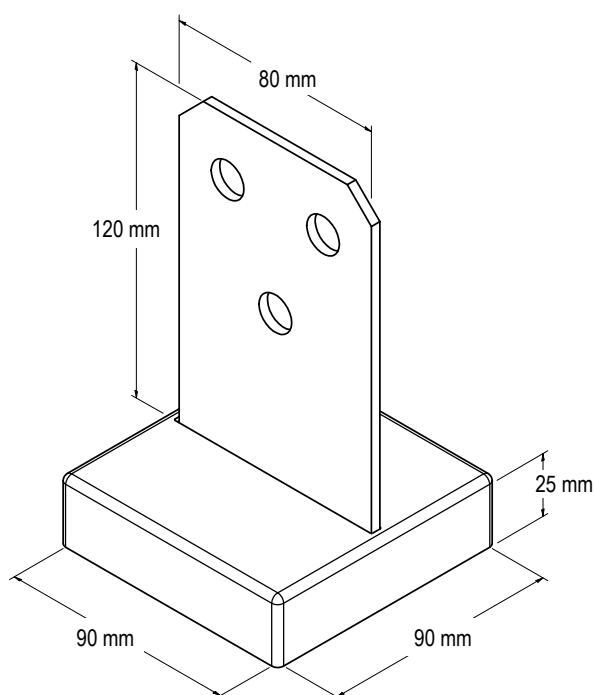
- 145mm Blade Height (including base plate)
- 80mm Blade Width
- Hot Dipped Galvanised Blade
- SS304 concealing caps

## FASTENERS

- Blade:** 3x Zinc-Nickel Coated VUEBOLT or appropriate M12 bolts with hex nuts
- Base:** 2x M12 concrete bolts or equivalent

## SIZES

Product Code	Size (mm)	Bolt Size	Box Qty
VCBPS90	90	M12	10

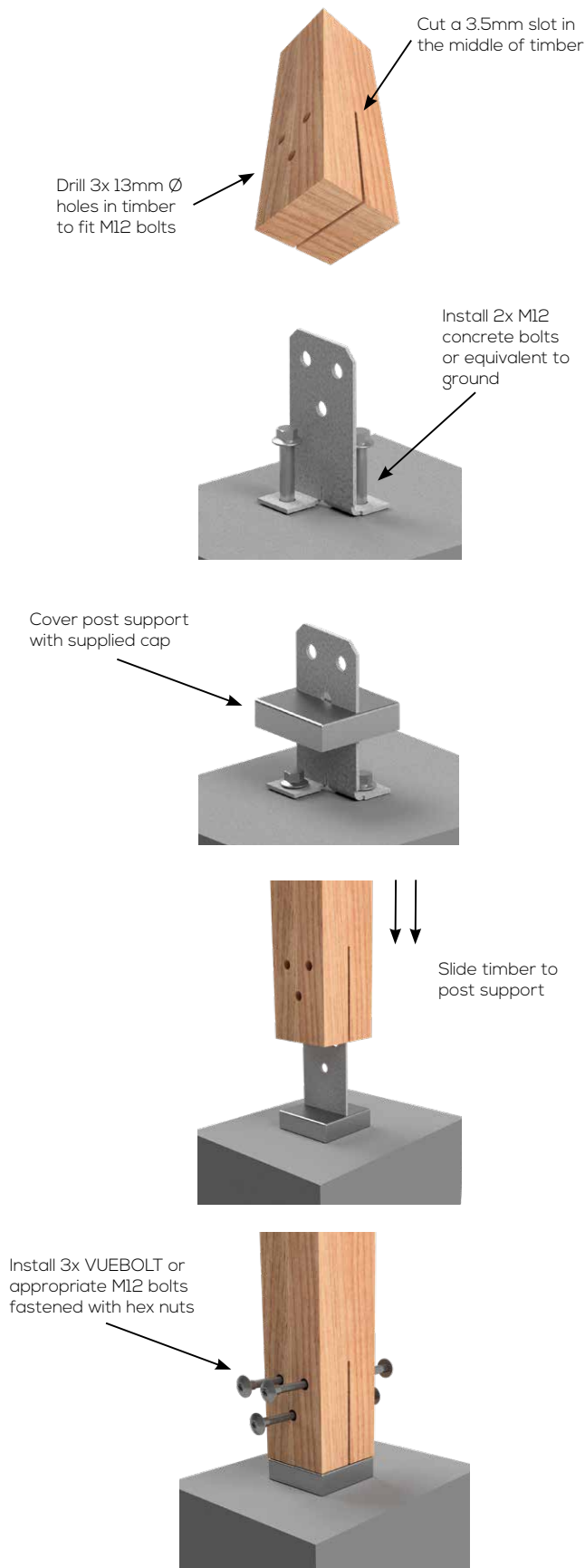




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### INSTALLATION GUIDE AND BOLT FIXING SCHEDULE



### DESIGN CAPACITY DATA

Table 1: Concealed Bolt Down Post Support Design Capacity in different joint groups

Load Case	Design Capacity, Ndj (kN)		
	JD3	JD4	JD5
<b>Uplift capacity</b>	22.0	17.7	15.4

#### NOTES:

- Design capacity in Table 1 applies to VUETRADE Post Supports where 3x VUEBOLT or appropriate M12 bolts are installed and tightly fastened with nuts.
- Timber posts must have minimum dimensions of 90mm by 90mm section and shall be installed flat to the provided concealing cap of the post support.
- Design capacities for post supports bolted into concrete assumed that there is sufficient anchorage in the concrete to resist the pull-out force imposed by wind loading.
- 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 AS1649-2001 – *Timber - Methods of test for mechanical fasteners and connectors* & uplift capacity requirements outlined in AS1720.1-2010 – *Timber structures, Part 1: Design methods*.
- 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.

