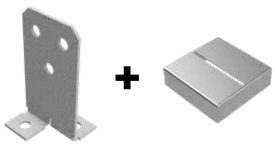
GALVANISED CONCEALED BOLT DOWN POST SUPPORTS

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

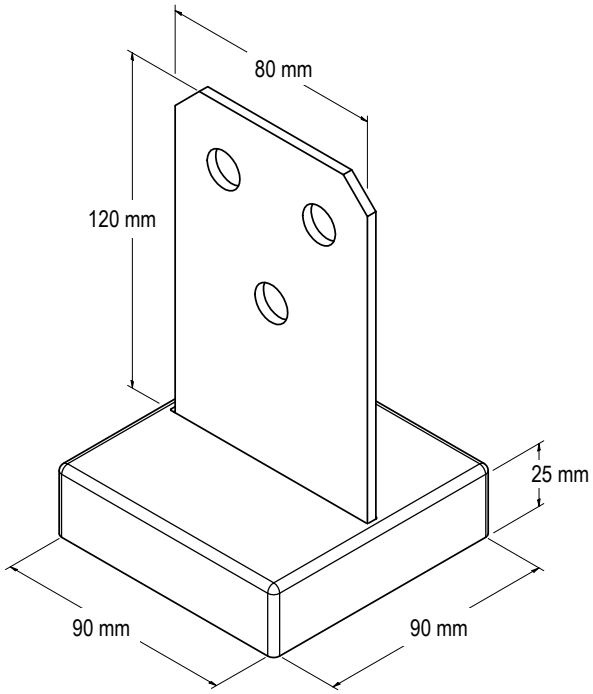
FASTENERS

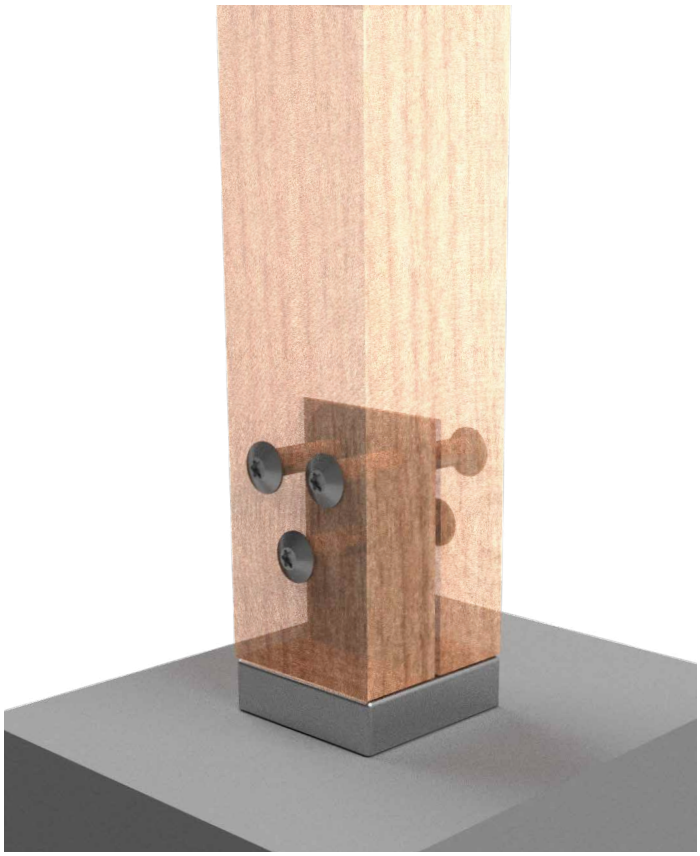
Blade: 3x Zinc-Nickel Coated VUEBOLT or appropriate M12 bolts with hex nuts

Base: 2x M12 concrete bolts or equivalent

SIZES

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





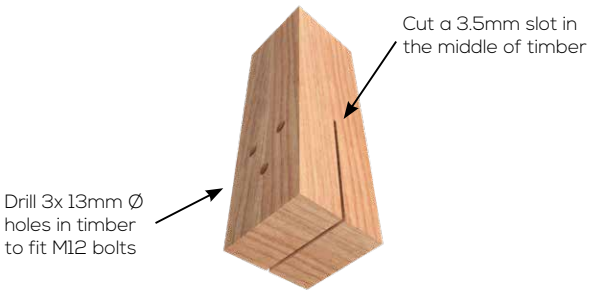
technical@bellevuegroup.com.au
1300 850 520 www.vuetrade.com

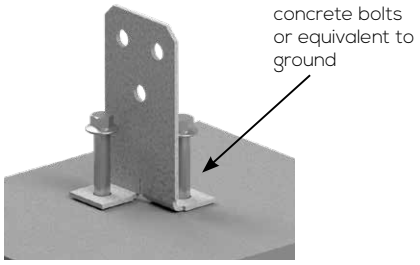
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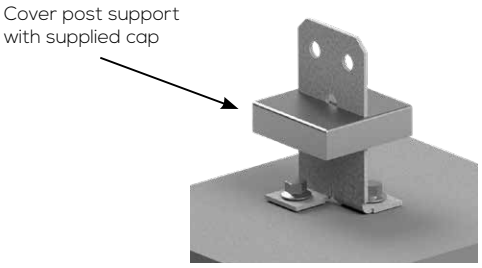
GALVANISED CONCEALED BOLT DOWN POST SUPPORTS

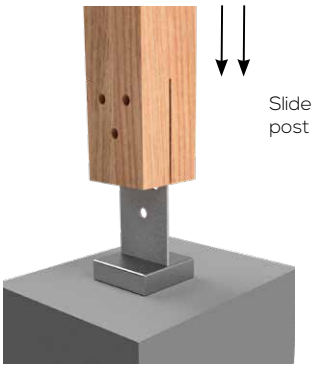
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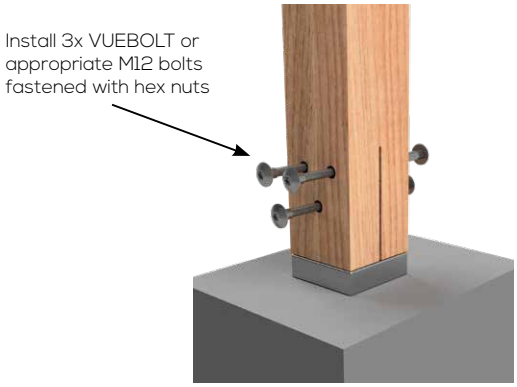
INSTALLATION GUIDE AND BOLT FIXING SCHEDULE











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
Uplift capacity	22.0	17.7	15.4

NOTES:

1. Design capacity in Table 1 applies to VUETRADE Concealed Bolt Down Post Supports where 3x M12 VUEBOLTS / appropriate bolts are installed and tightly fastened with hex nuts.
2. 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.
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.



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