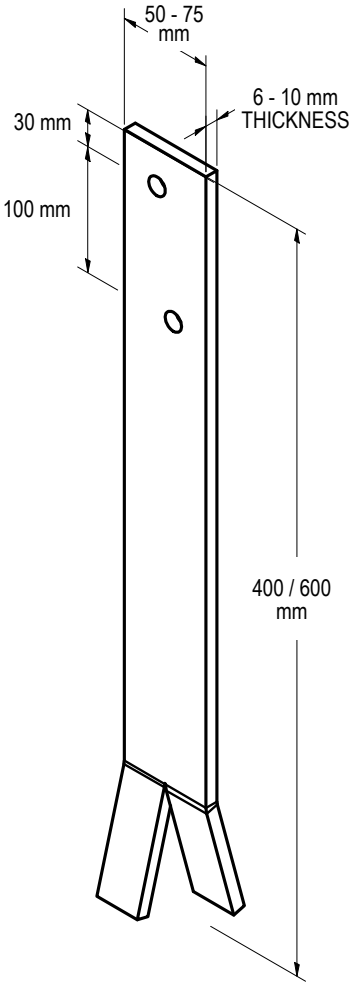
GALVANISED FINNED BLADE POST SUPPORTS

Compliant with the requirements of AS1720.

G GALVANISED

CAST INTO CONCRETE



APPLICATION

Finned Blade Post Supports are flat metal blades with a fish-tailed end, used for fixing timber posts to concrete. The blade placed within the timber provides a neat finish.

SPECIFICATION

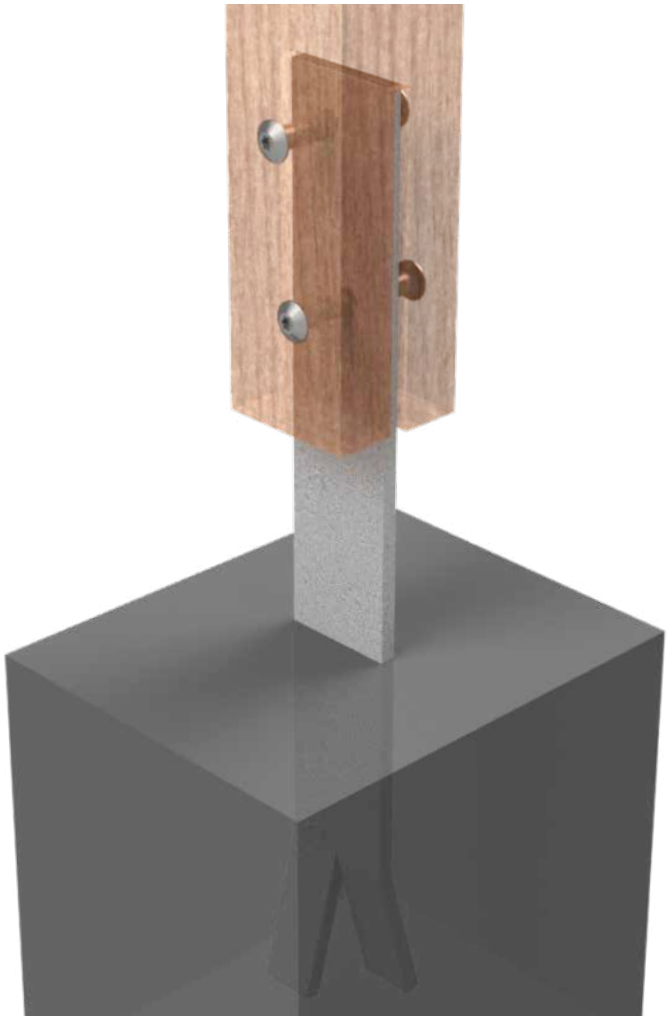
VUETRADE Galvanised Finned Blade Post Supports are manufactured in G250 steel, and corrosion protected through Hot-Dipped Galvanised.

FASTENERS

Blade: 2x Zinc-Nickel Coated VUEBOLT or appropriate M12 bolts with hex nuts

SIZES

Product Code	Size (mm)	Metal Thickness (mm)	Box Qty
VFTB40050	400 x 50	6.0	10
VFTB60065	600 x 65	8.0	10
VFTB60075	600 x 75	10.0	10



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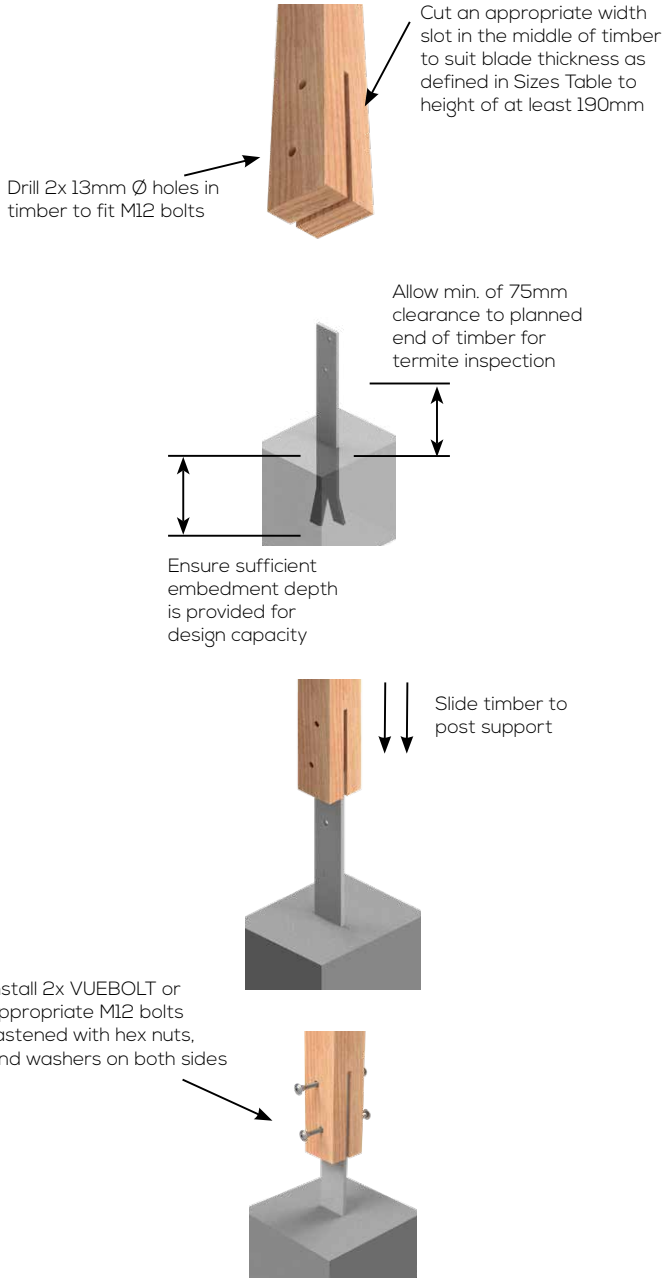
GALVANISED FINNED BLADE POST SUPPORTS

DEC25

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 recommended to be fixed to each end.

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 Finned Blade Post Supports in different joint groups

Load Case	Design Capacity, Ndj (kN)		
	JD3	JD4	JD5
Uplift capacity	15.8	12.7	11.0

NOTES:

1. Design capacity in Table 1 applies to VUETRADE Finned Blade Post Supports where 2x appropriate M12 bolts tightly fastened with hex nuts and washers are installed.

2. Design capacities for post supports cast into concrete assumed that there is sufficient anchorage in the concrete to resist the pull-out force imposed by wind loading.

3. Timber post dimensions must have a minimum dimension of 90mm by 90mm section.

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.

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