

Adjustable Post Support

GALVANISED

Application

The Bremick® Adjustable Post Support is used for locating posts onto existing concrete or decks. Used when installing both common and uncommon sized posts up to 150mm onto the post anchor. Typically used, during the construction of pergolas, carports, or verandahs.

Advantages

The Bremick® Adjustable Post Support provides numerous benefits including:

- Two-piece design avoids the need to check the timber post.
- Hot dipped Galvanised coating for long term protection against corrosion.
- 4mm thickness in the saddle for extra strength.
- Designed and engineered to Australian National Construction Code (NCC).
- Product design conforms to Australian Standards.
- AS1397 -2021 for Steel Grade 250
- Welded construction for strength.
- Accommodates common and uncommon square post sizes from 90mm up to 150mm and 85mm and 160mm leg lengths.

Specifications

Steel Grade	G250
Coating	Hot Dipped Galvanised (HDG)
Thickness	4mm
Stirrup Blade Height	96mm
Stirrup Blade Width	75mm
Stem Height	85mm, 160mm
Fasteners	M10 Bolts, Nuts and Washers



Bremick® Ranging

Product Code	Suits Post	Coating	Pack Qty
PADG085000404	85mm leg (Suits M10 Bolts)	HDG	6
PADG160000404	160mm leg (Suits M10 Bolts)	HDG	6



Installation Instructions

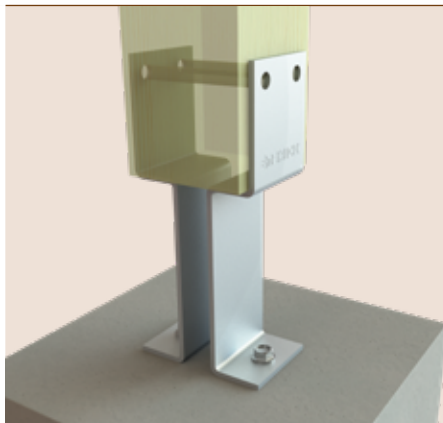
Fixing to existing concrete slab or patio

1



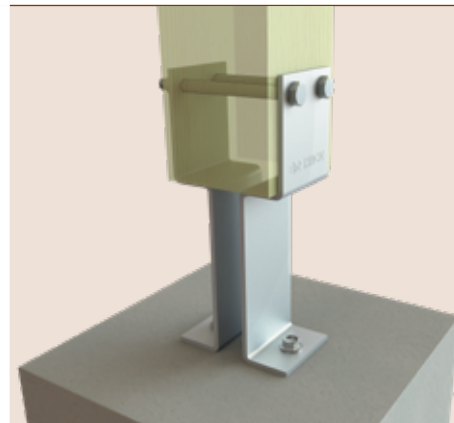
- Determine the centerline of the posts in both projection and width.
- Make sure the post anchor is square to both these directions and mark the hole locations of the post anchor via the bolt holes in the plate at the base of the stem.
- Remove the post anchor and drill the holes where the marks are. A hammer drill works well. Drill to the appropriate width and depth to accommodate the appropriate Bremick concrete screw-in anchor. Suggested minimum screw embedment depth is 100mm.

2



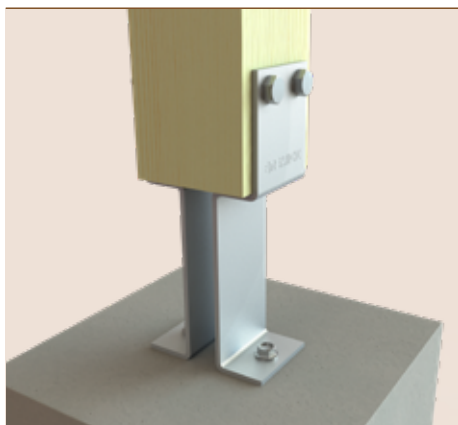
- Replace the post anchor over the drilled holes, ensure the holes within the base plate are over the top of the pre-drilled holes.
- With a spirit level make sure the post anchor is perpendicular to the patio or concrete slab. If not, washers can be used between the post anchor and concrete to level the post anchor.
- Place the concrete screw-in anchor through the holes in the post anchor base plate and into the pre-drilled holes.

3



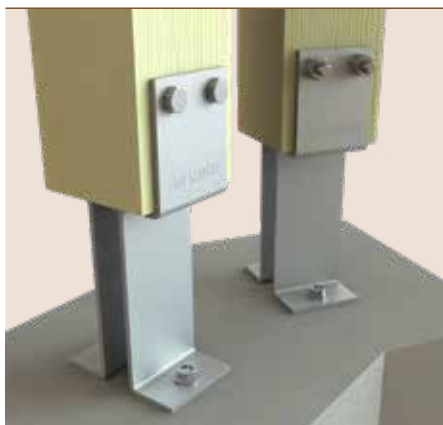
- Position the timber post into the post anchor saddle. Ensure the post bears onto the base of the bracket and is vertically plumb.

4



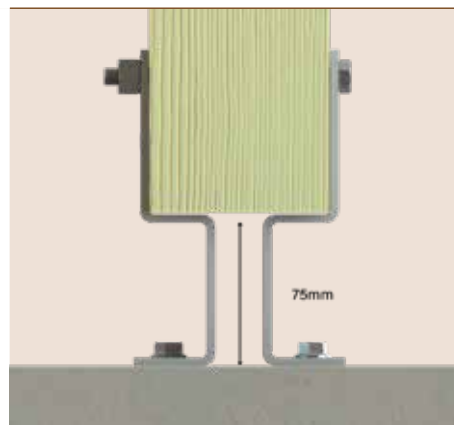
- Drill through the bolt holes located in the side of the post anchor to accommodate M10 bolts. Ensure the drilled holes are horizontally level and perpendicular to the saddle.

5



- Feed the 2 x M10 bolts through the bolt holes and timber post. Locate washer and nuts onto the bolts and tighten. A minimum of 2 x thread pitch should extend beyond the outward surface of the nut.

6



- Alternatively install 18G x 45mm construction screws through the bolt holes or M10 coach screws.

Technical Data

POST SUPPORT – ADJUSTABLE

LIMIT STATE UPLIFT CAPACITY (WIND LOAD)

Table 1 CAPACITY: FOR 2 x M10 BOLTS or 4 x M10 x 50mm COACH SCREW

Product	Capacity (All joint groups) (kN)
ADJUSTABLE POST SUPPORT	6.1

DESIGN CAPACITIES - STEEL STRENGTH ONLY

Table 2 DESIGN CAPACITIES - STEEL STRENGTH ONLY

Code	Axial Compression	Axial Tension
	Ø Nc (kN)	Ø Nt (kN)
PADG160000404	12	6.1
PADG085000404	14	6.1

REMARKS

- Uplift values applicable when base bolted down tight to a hard level surface such as concrete or steel
- Uplift values may be limited by the capacity of the fixings to the base material. See appropriate Bremick fastener capacities.
- The post is centred in the post stirrup.
- The post is sitting down snug into in the post stirrup (no gap between stirrup and timber post).