



The PBP60/50 post base is most commonly used for pergola or porch type construction, but can be used in other situations.



[UK-DoP-e07/0285](#), [ETA-07/0285](#)

FEATURES

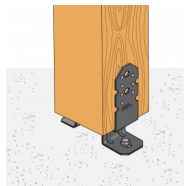


Material

- S235JR steel according to EN 10025,
- Sherardized Class C30 according to EN ISO 17668

Benefits

- Suitable for external use (Service class 3)
- Can be used with different section of post
- Reduced distance between concrete support and timber post (50 mm)
- Patented



APPLICATIONS

Support

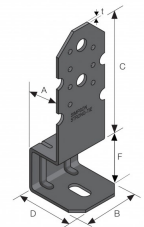
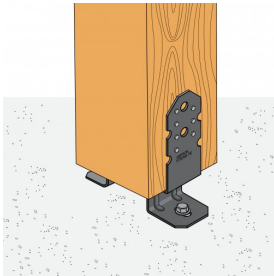
- **Support** : Concrete
- **Post** : Solid timber, composite timber, glulam

Application fields

- Post for porch roof
- post for pergola

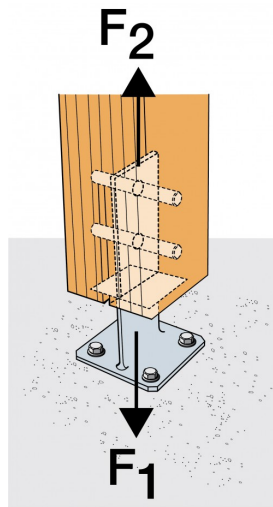
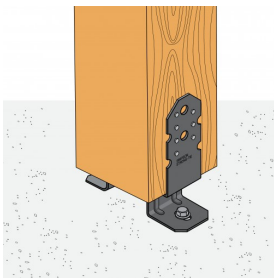
TECHNICAL DATA

Product dimensions



References	Product dimensions [mm]						Top plate holes		Bottom plate holes
	A	B	C	D	F	t	Ø5 [mm]	Ø13 [mm]	Ø12x25 [mm]
PBP60/50	35	60	140	62	49	3	7	2	1

Product simplified characteristic capacities - 2 post bases

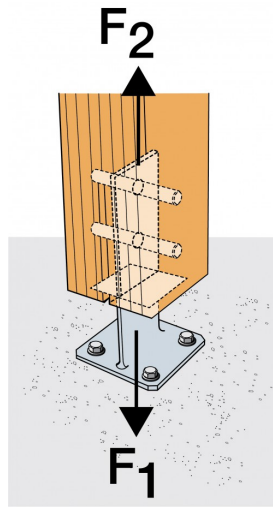
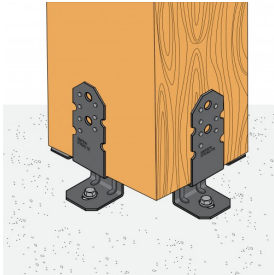


References	Product capacities - Timber to Concrete - 2 post bases					
	Fasteners				Characteristic capacities - Timber C24 [kN]	
	On post		On concrete		R _{1,k} *	R _{2,k} *
	Qty	Type	Qty	Type		
PBP60/50	4	LAG Ø12x50	2	Ø10**	40	11.9

* The published characteristic capacity is based on medium term load duration and service class 3 according to EC5 (EN 1995) ($k_{mod} = 0.7$). For other load duration and service class, please refer to the ETA to get more accurate capacities

** Refer to the Simpson Strong-Tie anchor product range for suitable anchors. Typical anchor solutions are AT-HP, depending on the concrete type, spacing and edge distances.

Product simplified characteristic capacities - 4 post bases



References	Product capacities - Timber to Concrete - 4 post bases					
	Fasteners				Characteristic capacities - Timber C24 [kN]	
	On post		On concrete		R _{1,k} *	R _{2,k} *
	Qty	Type	Qty	Type		
PBP60/50	8	LAG Ø12x50	4	Ø10**	90	11.9

* The published characteristic capacity is based on medium term load duration and service class 3 according to EC5 (EN 1995) (k_{mod} = 0.7). For other load duration and service class, please refer to the ETA to get more accurate capacities

** Refer to the Simpson Strong-Tie anchor product range for suitable anchors. Typical anchor solutions are BOAXII, SET-XP, WA, AT-HP, depending on the concrete type, spacing and edge distances.

INSTALLATION

Fixing

On post :

CNA Ø4.0x50 mm nails or CSA Ø5.0x50 mm screws
Wood screws or bolts Ø12 mm

On concrete :

Mechanical anchor : WA M10-78/5
Chemical anchor : AT-HP resin + threaded rod LMAS M10-120/25

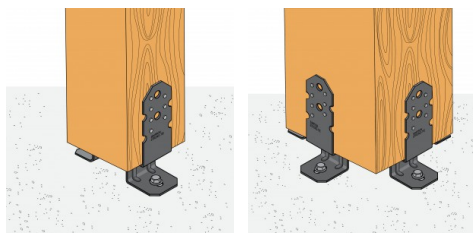
Installation

- Can be used with different post sizes
- 50mm standoff
- Order as separate item, use in pairs
- Not recommended when the top of post/column is not restrained (e.g. fence post)

Step 1: Measure positions and bolt down to floor with appropriate fixing (M10), ensuring the post bases are parallel to one another. (Length of fixing to be advised by structural engineer).

Step 2: Lower the post onto the post bases (2 or 4) ensuring they are aligned with the centre of the post.

Step 3: Install CNA4.0x50 nails into the timber as shown, CSA 5.0x50 screws can also be used as an alternative.



2 post bases -
Timber section
until 150x150
mm

4 post bases -
Timber section
until 250x250
mm