Technical Sheet

PBP60/50
Post Base

The PBP60/50 post base is most commonly use for pergola or porch type construction, but can be used in other situations.
It should be used by pair for square timber sections from 70 to 150 mm. For higher square timber section (250x250 maximum), the use of 4 post base per post is advocated.



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 diffferent section of post
- Reduced distance between concrete support and ptimber post (50 mm)
- Patented

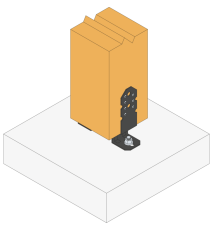
Applications

Support

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

Application fields

- Post for porch roof
- post fro pergola





2 post bases - Timber section until 150x150 mm

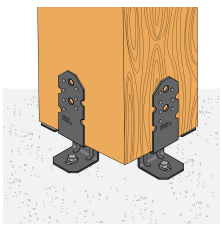


4 post bases - Timber section until 250x250 mm



PBP post bases for pergola

2 post bases - Timber section until 150x150 mm



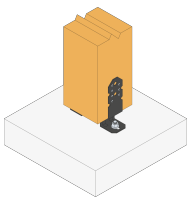
4 post bases - Timber section until 250x250 mm

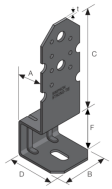
Technical Sheet

PBP60/50
Post Base

Technical Data

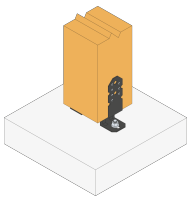
Product dimensions

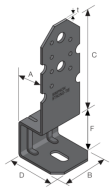




Reference	Connector Dimensions									
	Product Dimensions[mm]						Top plate holes		Bottom plate holes	Other
	A[mm]	B[mm]	C[mm]	D[mm]	F[mm]	t[mm]	Round		Obround	Weight[kg]
							Ø5[mm]	Ø13[mm]	Ø12x25	
PBP60/50	35	60	140	62	49	3	7	2	1	0.36

Product simplified characterisic capacities - 2 post bases

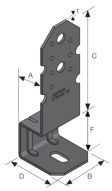




Reference	Post base capacity					
	Product capacities - Timber to Concrete - 2 post bases					
	Simplified characteristic capacities - Timber C24[kN]		Number of Fasteners			
	$R_{1,k}$*	$R_{2,k}$*	On post		On concrete	
			Qty	Type	Qty	Type
PBP60/50	43	12.7	4.0	Ø12	2.0	Ø10**

* The published characteristic capacity is based on medium term load duration and service class 3 according to EC5 (EN 1995) (k_{mod} = 0.65). 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 characterisic capacities - 4 post bases



Reference	Post base capacity					
	Product capacities - Timber to Concrete - 4 post bases					
	Simplified characteristic capacities - Timber C24[kN]		Number of Fasteners			
	$R_{1,k}$*	$R_{2,k}$*	On post		On concrete	
			Qty	Type	Qty	Type
PBP60/50	96.9	12.7	8.0	Ø12	4.0	Ø10**

* The published characteristic capacity is based on medium term load duration and service class 3 according to EC5 (EN 1995) (kmod = 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.

Technical Sheet

PBP60/50
Post Base

Installation

Installation

- Can be used with diffferent 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)

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