



These post bases are versatile and are commonly used in structural applications.



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

FEATURES

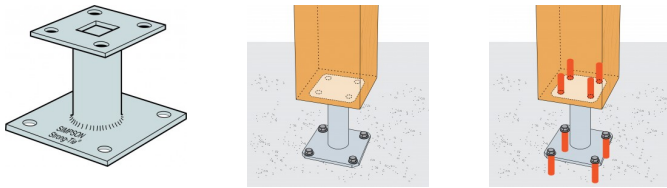


Material

- Steel S235JR according to NF EN 10025.
- Hotdip galvanized according to NF EN ISO 1461.

Benefits

- No machining necessary.



APPLICATIONS

Header member

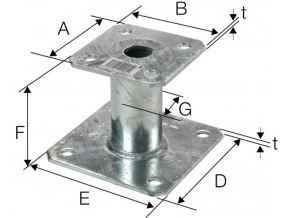
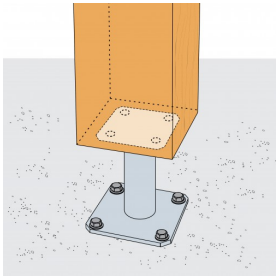
- **Supporting member:** solid wood, glued-laminated wood, concrete.
- **Supported member:** solid wood, composite lumber, glued-laminated wood.

Applications

- Awning posts.
- Pergola.
- Veranda.

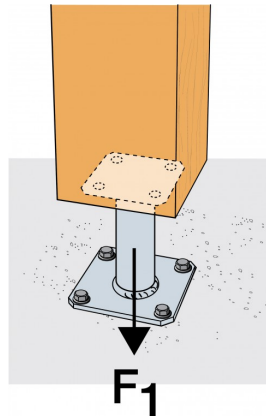
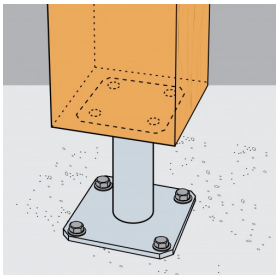
TECHNICAL DATA

Product Dimensions



References	Product Dimensions [mm]							Top plate holes	Bottom plate holes
	A	B	D	E	F	G	t	Ø12	Ø12
PPA100	100	100	130	130	100	48.3	4	4	4

Product simplified characteristic capacities



References	Simplified product capacities - Timber to Concrete					Simplified characteristic capacities - Timber C24 [kN]
	Number of Fasteners				Type	
	On post		On concrete			Type
	Qty	Type	Qty	Type		
PPA100	4	LAG Ø10x80	4	Ø10**	85.7	

*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 SET-XP and AT-HP, depending on the concrete type, spacing and edge distances.

INSTALLATION

Fixing

On post:

- Bolts.
- LAG lag screws 10 x 80 mm.

On concrete:

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

Installation

ATTENTION: Post with maximum cross-section 200 x 200 mm.

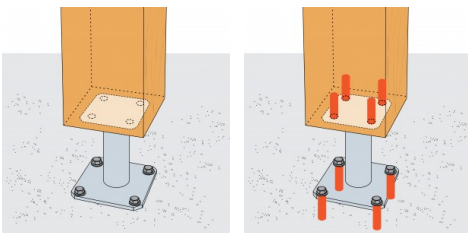
INSTALLATION:

The bases are always installed in the same direction:

- Plate 130 x 130 mm on the ground.
- Plate 100 x 100 mm fastened on the post.

PPRC can be adjusted with a 30 mm wrench after both the plates are attached.

PPRIX requires the use of stainless steel fasteners.



Fixations
utilisées pour
ped de poteau
type PPA