

Technical data sheet



PPA
Elevated Post Base with 100mm Stand Off

The PPA is for post base installations requiring a higher standoff distance.

Features

Material

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

Benefits

- No machining necessary

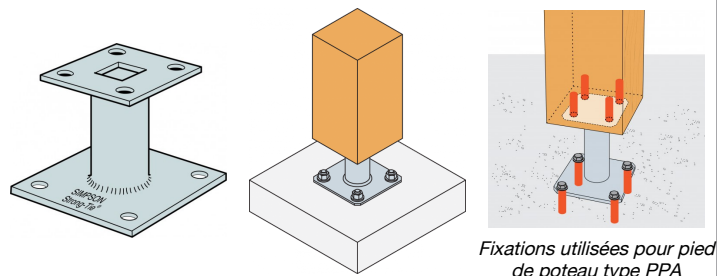
Applications

Header member

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

Applications

- Awning posts
- Pergola
- Veranda
- Porch-ways
- Car-ports

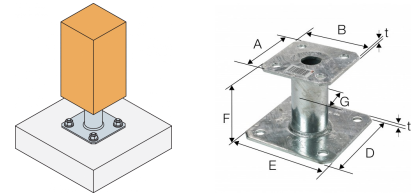


Fixations utilisées pour pied de poteau type PPA

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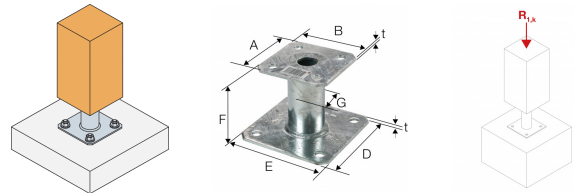
Technical Data

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						
	Number of Fasteners				Simplified characteristic capacities - Timber C24 [kN]		
	On post		On concrete		$R_{1,k}^*$		
	Qty	Type	Qty	Type			
PPA100	4	Ø10x80	4	Ø10**	92.3		

*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.

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Installation

Fixings

On post:

- LAG screws - SSH10.0 x 80 mm

On concrete:

- *Mechanical anchor:* M10 x FM-753 - Length to be confirmed by Engineer
- *Chemical anchor:* AT-HP resin + LMAS M10 Rod - Length to be confirmed by Engineer

Installation

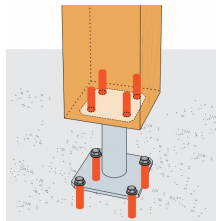
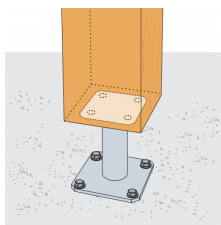
Fix to the foundation with concrete screw/mechanical anchor or resin anchor system. Fix to the post using M10 coach screws.

- **Not recommended when the top of post/column is not restrained (e.g. fence post)**

ATTENTION: Tested with post with maximum cross-section 200 x 200 mm.

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.



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