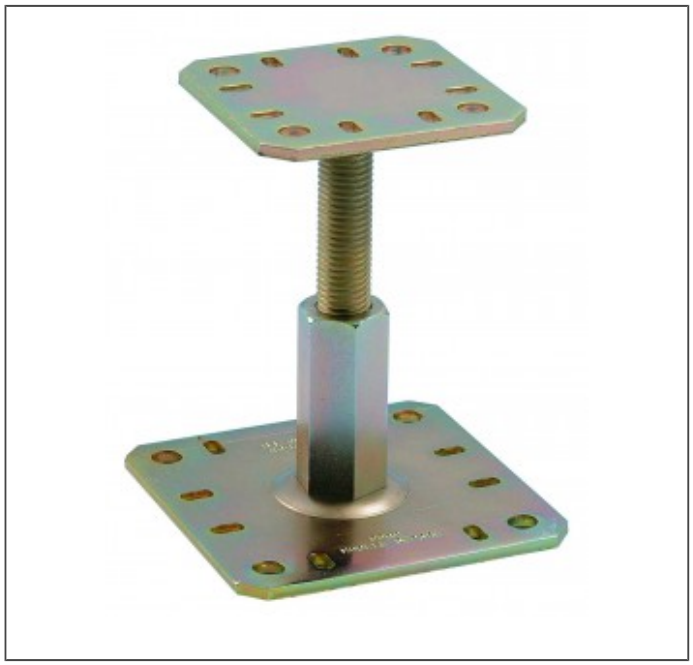
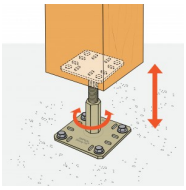
Technical data sheet

PPRC - ADJUSTABLE POST BASE





The PPRC allows the structure to be adjusted after it has been built. Adjust the off the ground height from 100 to 150mm even after the post has been installed.

ETA-07/0285, UK-DoP-e07/0285

FEATURES

Material

- dichromate coated galvanised mild steel.

Benefits

- PPRC can be adjusted after the installation.
- Does not require machining.

APPLICATIONS

Suitable On

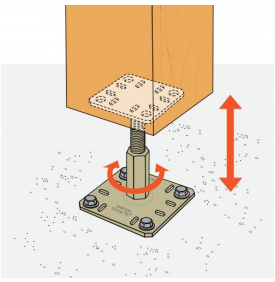
- **Supporting member:** solid wood, glued-laminated wood, concrete.
- **Supported member:** solid wood, composite lumber, glued-laminated wood.

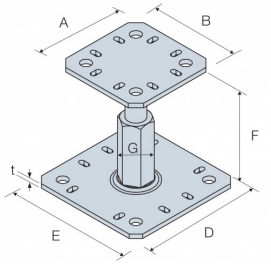
Applications

- Awning posts.
- Pergola.
- Veranda.

TECHNICAL DATA

Product Dimensions





References	Product Dimensions [mm]							Holes Flange A/B	Holes Flange C/D
	A	B	D	E	F	G	t	Ø12	Ø12
PPRC	100	100	130	130	100 - 150	30	5	4	4

Characteristic Capacites - Timber to Concrete

References	Fasteners				Simplified characteristic capacities - Timber C24 [kN]
	On post		On concrete		$R_{1,k}$**
	Qty	Type	Qty	Type	
PPRC	4	Ø10 Coach Screw	4	Ø10 Anchor*	48.8

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

INSTALLATION

Fixings

On wood post:

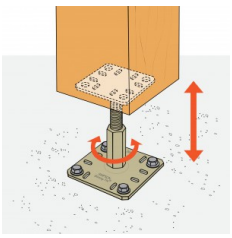
- LAG lag screws 10 x 80 mm.

On concrete:

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

Installation

- **Fix to the foundation with M10 anchors. fix the post using M10 coach screws.**
- **130 x 130mm plate fixes to the ground.**
- **100 x 100mm plate fasteners to the post.**
- **PPRC can be adjusted with a 30mm wrench after both plates are attached.**
- **not recommended when the top of post/column is not restrained (e.g. fence post).**



PPRC fixed to rigid support