

Technical data sheet

SIMPSON

Strong-Tie

PJIB Post Bases

The PJIB post bases are suitable for vertical and horizontal loads and are connected to the concrete foundation by anchor bolts.

Features

Material

Steel quality:

S 235 JR acc. to DIN EN 10025

Corrosion protection:

Hot-dip galvanized; Zinc layer thickness approx. 55 µm according to DIN EN 1461

Benefits

- The post bases are height-adjustable after assembly and are preferred for concealed connections.

Applications

Suitable On

Supporting member:

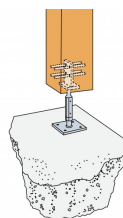
- Concrete, steel, wood

Supported member:

- Solid wood, engineered wood

When to Use

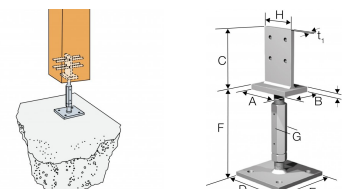
- The PJIB post bases are suitable for use in light-weight buildings, e.g. Carports, where the possibility of height adjustment must be given.



PJIB Post Bases

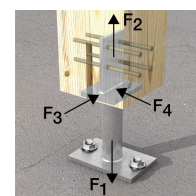
Technical Data

Product Dimensions



References	Product Dimensions [mm]									Holes	Bottom plate holes	Weight [kg]
	A	B	C	D	E	F = g	G	t ₁	t ₂	Ø8.5 [mm]	Ø13 [mm]	
PJIBG	90	60	110	120	120	163 - 213	20	8	8	4	4	2.4

Capacities



References	Number of Fasteners				Characteristic capacities - Timber C24 [kN]											
	On post		On concrete		R _{1,k}	R _{2,k}			R _{3,k}		R _{4,k}					
						Ø8x80	Ø8x100	Ø8x120	min. g	max. g	min. g			max. g		
	Qty	Type	Qty	Type							Ø8x80	Ø8x100	Ø8x120	Ø8x80	Ø8x100	Ø8x120
PJIBG	4	Ø8	4	Ø12	min(90.7 ; 54.5/kmod)	16	18.7	20.7	1.4/kmod	1.1/kmod	min(2 ; 1.6/kmod)	min(2.3 ; 1.8/kmod)	min(2.6 ; 1.8/kmod)	min(1.7 ; 1.4/kmod)	min(2 ; 1.4/kmod)	min(2.3 ; 1.4/kmod)

For the load directions R_{1,k} and R_{3,k}, the capacities are valid for all length of steel dowel.

Load combinations:

$$\sum \frac{F_{i,d}}{R_{i,d}} \leq 1$$

Installation

Fixing

The connection to the wood is done with Ø8 dowels in length of the timber width.

