

## PB3C Post base

The PB3C post base can be used to make connections where a plaster layer reduces the distance between the concrete and the underside of the column, while still providing the recommended clear distance from the 300mm.

### Features

#### Material

##### **Steel quality:**

- S 235 JR acc. to DIN EN 10025

##### **Corrosion protection:**

- Hot-dip galvanized; Zinc layer thickness approx. 55  $\mu\text{m}$  according to DIN EN 1461

#### Benefits

- Distance between foundation and wooden support  $\geq 300$  mm, when paving up to 190mm
- for 3 load directions
- to mounting with screws to column, no need for special tools

### Applications

#### Suitable On

##### **Supporting member:**

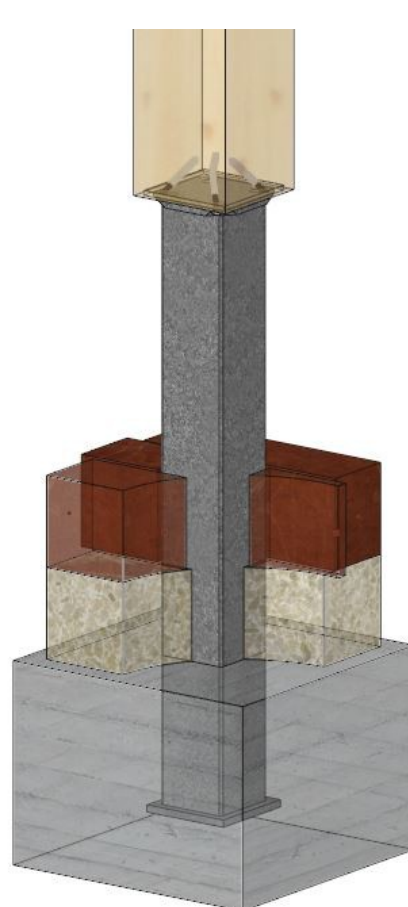
- Concrete

##### **Supported member:**

- Solid wood, engineered wood

#### When to use

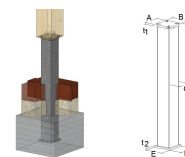
**For a constructive wood protection is a distance between top of pavement ( $\leq 190\text{mm}$ ) and lower edge wood support  $\geq 300$  mm possible.**



PB3C  
Post base

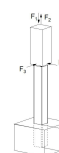
## Technical Data

Rozměry a typické hodnoty



Art. nr.	Rozměry a typické hodnoty [mm]								Top plate holes
	A	B	D	E	F	G	t <sub>1</sub>	t <sub>2</sub>	Ø6,5
PB3C	100	100	100	100	670	80	10	8	4

Kapacita při plném zahřebikování



Art. nr.	Kapacita při plném zahřebikování [kN]				
	Anzahl der Befestigungsmittel		Characteristic capacities [kN] - timber C24		
	On the post		R <sub>1,k</sub>	R <sub>2,k</sub>	R <sub>3,k</sub> = R <sub>4,k</sub>
Množství	Typ				
PB3C	4	Ø6x...	202.6	2,83xR <sub>ax.sc.k</sub>	R <sub>ax.sc.k</sub>

R<sub>ax.sc.k</sub> = characteristic axial capacity of the screw in the post for an angle force-fibre of 45°

For combination:

$$\frac{F_{1,d}}{R_{1,d}} \leq 1 \text{ and } \frac{F_{2,d}}{R_{2,d}} + \frac{F_{3,d}}{R_{3,d}} \leq 1$$

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## Installation

Fixing

**Screws Ø6mm (45°)**  
cast in

PB3C  
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