

PB3B Post base

The PB3B 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 µm according to DIN EN 1461

Benefits

- Distance between foundation and wooden support 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:

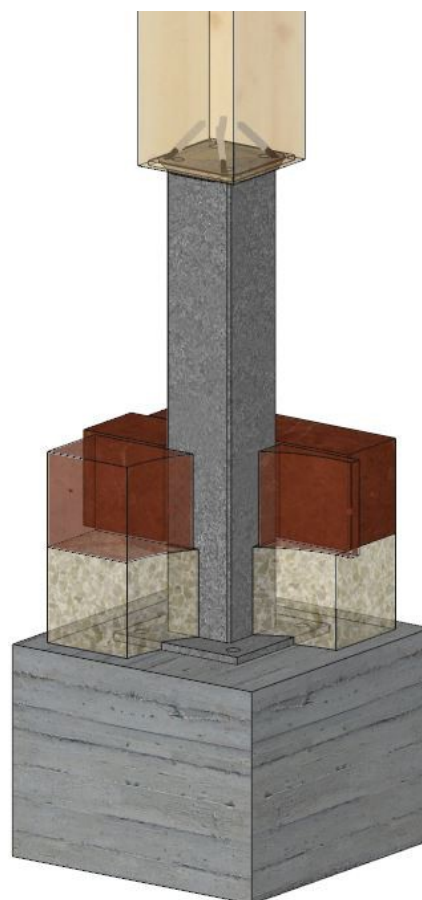
- Concrete

Supported member:

- Solid wood, engineered wood

When to use

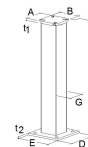
For a constructive wood protection is a distance between top of pavement and lower edge wood support \geq 300 mm possible.



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Technical Data

Rozměry a typické hodnoty



Art. nr.	Rozměry [mm]								Top plate holes	Bottom plate holes
	A	B	D	E	F	G	t ₁	t ₂	Ø6,5	Ø14
PB3B	100	100	155	155	500	80	8	8	4	4

Kapacita při plném zahřebikování



Art. nr.	Anzahl der Befestigungsmittel				Characteristic capacities [kN] - Timber C24		
	On the post		On the concrete		R _{1,k}	R _{2,k}	R _{3,k} = R _{4,k}
	Množství	Typ	Množství	Typ			
PB3B	4	Ø6x ..	4	M12	202.6	2,83xRax.sc.k	Rax.sc.k

Rax.sc.k = characteristic axial capacity of the screw in the post for an angle force-fibre of 45°

The anchoring has to check according to the ETA.

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°)
- Anchor M12

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