

Technical data sheet

SIMPSON

Strong-Tie

PVDB

Column Shoes type VARIO

The height and tilt adjustable PVDB column bases can be used for all timber widths between 80-120 / 120-160 mm. The PVDB be dowelled onto concrete.

Features

Material

Steel quality:

S 235 JR according to DIN EN 10025

Corrosion protection:

completely galvanized after processing; Zinc coating thickness about 55 microns in accordance with DIN EN 1461

Applicable materials

In Stock:

- **Concrete**

Component:

- **Wood, wood products**

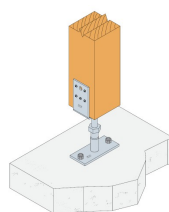
Applications

Application area

- **Support feet PVDB (VARIO) are used where the possibility of height adjustment must be given.**

Installation

- **The column bases are dowelled on concrete**
- **The connection of the props by means CNA comb nails or for construction purposes with bolts, or with dowels Ø 8 mm.**



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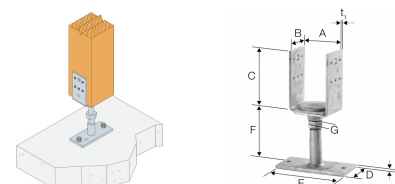
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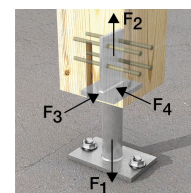
Technical Data

Dimensions and drill holes



References	Tun / DB nr.	NOB nr.	Product Dimensions [mm]									Top plate holes		Bottom plate holes	Box Quantity	Weight [kg]
			A	B	C	D	E	F	G	t ₁	t ₂	Ø5	Ø13.5	Porteur		
PVDB80G	1419045	22396790	80-120	70	120	70	160	136 - 189	20	5	8	10	2	2	8	2.5
PVDB120G	1419046	44190932	120-160	70	120	70	160	136 - 189	20	5	8	10	2	2	5	2.6

Characteristic 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} *		
	Qty	Type	Qty	Type		Timber width [mm]			g** [mm]			g** [mm]		
						80	120	160	136	161	186	136	161	186
PVDB80G	10	CNA4.0x40	2	10	min (77.8 ; 49/kmod)	17.6	min (17.6 ; 11.6/kmod)	min (15.2 ; 7.6/kmod)	1.4/kmod	1.2/kmod	1.1/kmod	3.2/kmod	2.7/kmod	2.3/kmod
PVDB120G	10	CNA4.0x40	2	10	min (77.8 ; 49/kmod)	17.6	min (17.6 ; 11.6/kmod)	min (15.2 ; 7.6/kmod)	1.4/kmod	1.2/kmod	1.1/kmod	3.2/kmod	2.7/kmod	2.3/kmod

* Dowel length ≥ 80 mm

** g is the distance from top of concrete to bottom of post

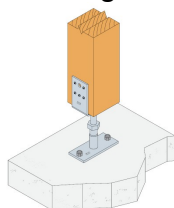
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Installation

Benefits

- A particular advantage of the height and tilt adjustable PVDB column bases is that the height adjustment can be carried out subsequently, without the support rotates along.
- The PVDB be used for variable timber widths.
- The max. Height adjustment is ± 25 mm from the ideal height.



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