

Technical data sheet

SIMPSON

Strong-Tie

PVD

Column Shoes type VARIO

The height and tilt adjustable PVD column bases can be used for all timber widths between 80-120 / 120-160 mm. The PVD are for setting in 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

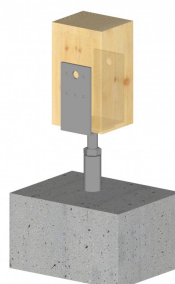
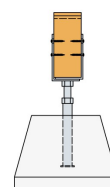
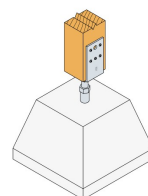
Applications

Application area

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

Installation

- **The support feet are concreted.**
- **The connection of the props by means CNA comb nails or for construction purposes with bolts, or with dowels Ø 8 mm.**
- **The dowels must be at least 60mm long**



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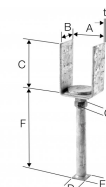
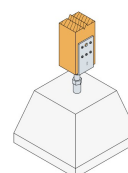
Strong-Tie®

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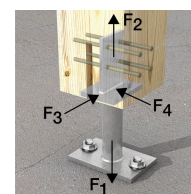
Technical Data

Product Dimensions



References	Tun / DB nr.	NOB nr.	Product Dimensions [mm]										Top plate holes		Box Quantity	Weight [kg]
			A	B	C	D	E	F	G	t ₁	t ₂	Ø5	Ø13.5			
PVD80G	1480117	44190943	80-120	70	120	40	40	249 - 302	20	5	4	10	2	10	2.1	

Characteristic Capacities



References	Number of Fasteners		Characteristic capacities - Timber C24 [kN]									
	On the post		R _{1,k}	R _{2,k}			R _{3,k} [*]			R _{4,k} [*]		
	Qty	Type		Timber width [mm]			g ^{**} [mm]			g ^{**} [mm]		
				80	120	160	48	73	98	48	73	98
PVD80G	10	CNA4.0x40	min (77.8 ; 49/kmod)	17.6	min (17.6 ; 11.6/kmod)	min (15.2 ; 7.6/kmod)	2.7/kmod	2.1/kmod	1.7/kmod	6.5/kmod	3.9/kmod	2.8/kmod

* Dowel length ≥ 80 mm

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

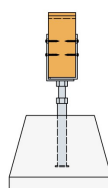
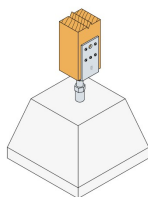
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Installation

Benefits

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



PVD

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