

Technical data sheet



PISBMAXI Post Base with Stand Off

The PISBMAXI is a heavy duty elevated post base to suit various sizes of timber and Glulam posts.

Features

Material

Material Grade

S235

Finish

Post hot dip galvanised.

Benefits

- The post base is made of 15mm thick plates welded to a Ø70mm tube.
- The column is fixed to an 8mm thick vertical plate with holes to suit Ø12mm dowels.

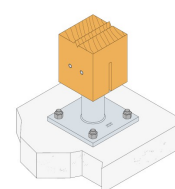
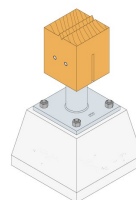
Applications

Suitable On

Timber / Glulam columns to solid foundations

Scope

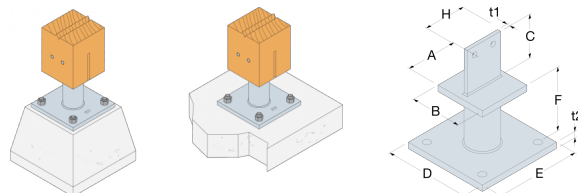
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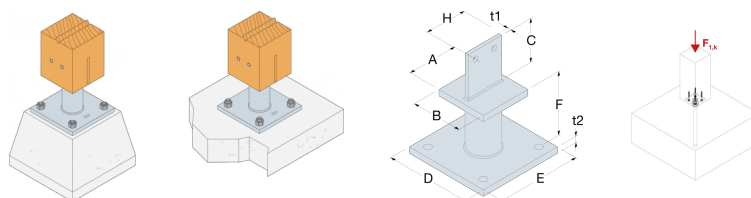
Technical Data

Product Dimensions



References	Tun / DB nr.	NOB nr.	Product Dimensions [mm]										Top plate holes	Bottom plate holes	Box Quantity
			A	B	C	D	E	F	G	H	t ₁	t ₂	Ø13	Ø17	
PISBMAXIG-B	5650320	22998546	120	120	105	200	200	148	70	90	8	15	2	4	-

Capacities



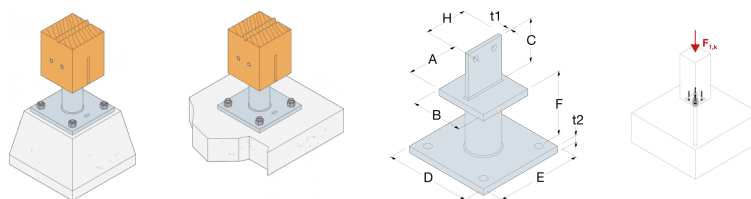
References	Number of Fasteners				Characteristic capacities - Timber C24 [kN]									
	On post		On concrete		R _{1,k}	R _{2,k}			R _{3,k}			R _{4,k}		
	Qty	Type	Qty	Type		Dowel length [mm]			Dowel length [mm]			Dowel length [mm]		
						120	140	160	120	140	160	120	140	160
PISBMAXIG-B	2	Ø12	4	Ø16*	min (272.2 ; 256.9/kmod)	34.5	38.5	42.1	22.5	min (25.2 ; 14.1/kmod)	min (27.5 ; 14.1/kmod)	7.7	9.9	12.3

b = Timber width [mm]

Combined load:

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

Simplified Characteristic Capacities - Timber to Concrete



References	Number of Fasteners				Simplified 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		Dowel length [mm]			Dowel length [mm]			Dowel length [mm]		
						120	140	160	120	140	160	120	140	160
PISBMAXIG-B	2	Ø12	4	Ø16*	272.2	34.5	38.5	42.1	22.5	20.1	20.1	7.7	9.9	12.3

* Refer to the Simpson Strong-Tie anchor product range for suitable anchors. Typical anchor solutions are SET-XP and AT-HP, depending on the concrete type, spacing and edge distances.

** The published characteristic capacity is based on medium term load duration and service class 3 according to EC5 (EN 1995). For other load duration and service class, please refer to the ETA to get more accurate capacities

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Installation

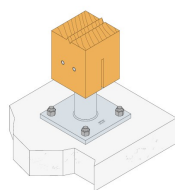
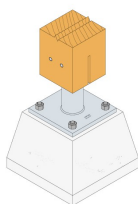
Fixing

Attach the PISBMAXI post base to the concrete foundation using concrete screws / mechanical anchors or chemical anchor system.

Connect to the timber using dowels Ø12 supplied.

Montaż

Montaż podstawy słupa



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