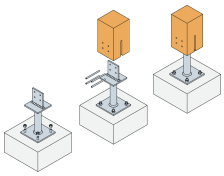
Technical Sheet

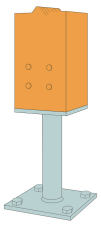
PBH
Heavy Duty Elevated Post Base

The PBH is suitable for heavy duty post support applications including Glulam timber posts,with a standoff height of 216mm. Dowels included.

PBH75 suitable for posts 75 x 75mm to 120 x 120mm
PBH120 suitable for posts 120 x 120mm to 200 x 200mm











Features

Material

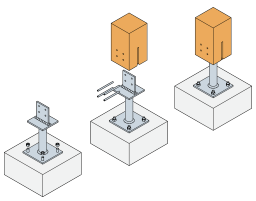
- Hot-dip galvanised mild steel plate

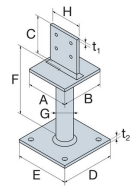
Technical Sheet

PBH
Heavy Duty Elevated Post Base

Technical Data

Product Dimensions





Reference	Connector Dimensions													
	Post[mm]	Product Dimensions[mm]										Top plate holes	Bottom plate holes	Other
	Post Size[mm]	A[mm]	B[mm]	C[mm]	D[mm]	E[mm]	F[mm]	G[mm]	H[mm]	t_1[mm]	t_2[mm]	Round Ø8.5[mm]	Round Ø14[mm]	Weight[kg]
PBH75	75x75 - 120x120	75	75	110	160	100	216	42.4	45	8	8	2	2	2.2
PBH120	120x120 - 200x200	120	120	110	155	155	216	42.4	90	8	8	4	4	3.6

Product characteristic capacities - Simplified values

Reference	Post base capacity													
	Simplified product capacities - Timber to Concrete													
	Number of Fasteners				Simplified characteristic capacities - Timber C24[kN]									
	On post		On concrete		$R_{1,k}$*	$R_{2,k}$			$R_{3,k}$[kN]			R4,k (2)		
	Qty	Type	Qty	Type		Width of post[mm]			Width of the post[mm]			Width of the post[mm]		
						80	100	120	80	100	120	80	100	120
PBH75	4.0	STD Ø8	2.0	Ø12**	105.5	8.1	9.5	10.4	5.5	6.5	7.1	5.8	6.6	7.3
PBH120	4.0	STD Ø8	4.0	Ø12**	156.4	20.7	20.7	20.7	8.3	8.3	8.3	7.7	8.4	9.2

*The published characteristic capacity is based on medium term load duration and service class 3 according to EC5 (EN 1995) (k_{mod} = 0.7). For other load duration and service class, please refer to the ETA to get more accurate capacities.
**Refer to the Simpson Strong-Tie anchor product range for suitable anchors. Typical anchor solutions depend on the concrete type, spacing and edge distances.

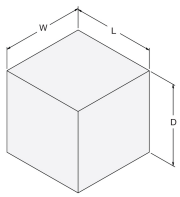
PBH
Heavy Duty Elevated Post Base

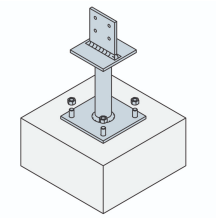
Installation

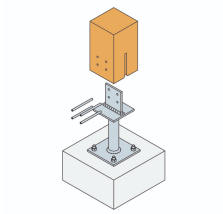
Installation

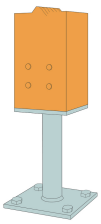
Timber install

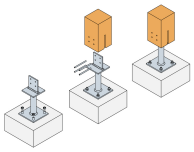
1. Make a vertical notch in the base of the post
2. Mark out & drill dowel positions
3. Drill holes through the post with 8mm dia. bits
4. Position the post on the post base & insert pins











Winchester Road Cardinal Point Tamworth
Staffordshire B78 3HG
tel: +44 1827 255600
fax: +44 1827 255616
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