Technical Sheet

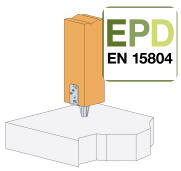
PBWS
ZPRO Folded postbase

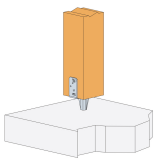
PBWS is single-piece, non-welded post base for connecting timber to concrete. An engineered solution, this connector requires up to 45% less steel than a traditionally designed post base.

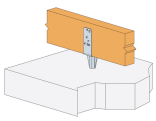


















Features

Material

Steel:
S250GD + ZPRO
Corrosion protection:
ZPRO coating - corresponding to a zinc layer of approx. 55 µm

Benefits

- Light and easy to handle
- No pre-drilling required
- Reduced environmental impact due to material reduction
- Flexible fastening option

Applications

Suitable on

- Supporting member: concrete,
- Supported member: solid timber, glulam...

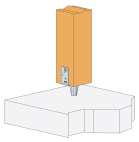
When to use

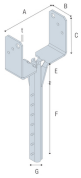
- Pergolas
- Decking
- Fence posts
- Sheds
- Awnings
- Porches
- Car ports

Technical Sheet

PBWS
ZPRO Folded postbase

Technical Data





Product dimensions

Reference	konektor rozměry										
	ostatní		rozměry výrobku[mm]							Top plate otvory	
	množství v krabici	hmotnost[kg]	A[mm]	B[mm]	C[mm]	E[mm]	F[mm]	E[mm]	t[mm]	kulatý	
										Ø[mm]	Ø8.5[mm]
PBWS70Z	20	0.5	70	40	87	50	150	22	3	4	2
PBWS90Z	20	0.5	90	40	77	50	150	22	3	4	2
PBWS100Z	20	0.5	100	40	72	50	150	22	3	4	2

Product capacities

Reference	patka sloupku únosnost			
	výrobek capacities - dřevo to beton			
	počet of Fasteners		Characteristic capacities - dřevo C24[kN]	
	On post		$R_{1,k}$	$R_{2,k}$
	množství	typ		
PBWS70Z	4	CSA5,0x40Z	20.2	2.5
PBWS90Z	4	CSA5,0x40Z	20.2	2.5
PBWS100Z	4	CSA5,0x40Z	20.2	2.5

*Minimum concrete strengt C12/15

Installation

Fixing

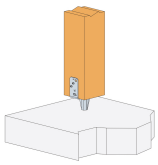
On timber :

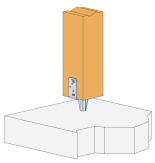
- CNA4.0 ring shank nails,
- CSA5.0 screws,
- Ø8 mm SSH screws,
- Bolts Ø8 mm.

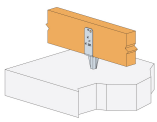
On concrete :

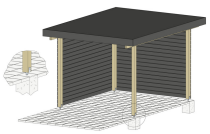
- Chemical resin AT-HP

The distance between the plate and the concrete must be 50 mm maximum.









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