PRODUCT DATA SHEET

PEDIX POST FEET

PRODUCT DESCRIPTION

The PediX post foot is a **post bearer for constructive wood protection**. It can be mounted directly to the cross-grained wood of the post by means of 12 fully threaded screws, without the need for additional beams or pre-drilling. An EPDM joint between post foot and post ensures additional **protection of the wood against penetrating moisture**.

Following assembly, **the post foot is still height-adjustable** up to 50, 100 or 150 mm, respectively (except post foot B500). Any production tolerances due the construction or **the subsequent setting of the foundations can be compensated by means of the height adjustment**. The post foot offers high tensile and compressive load capacities. The durability of the foot is ensured by means of hot dip galvanization in accordance with DIN EN ISO 12944-2 (C3).

ADVANTAGES/SPECIFICATIONS

- Simple installation without any milling
- Subsequently adjustable in height up to 50 mm, 100 mm and 150 mm
- The PediX 300+150 and the PediX 300+150 HV meet the increased demands on constructive wood preservation according to DIN 68800-2
- High load-bearing capacity according to ETA-13/0550
- Additional structural wood protection thanks to seal on end-grain wood
- Min. wood cross section 100 x 100 mm
- Meets the constructional wood preservation requirements and thus increases the wooden structure's longevity (protection against splash water)

MATERIAL

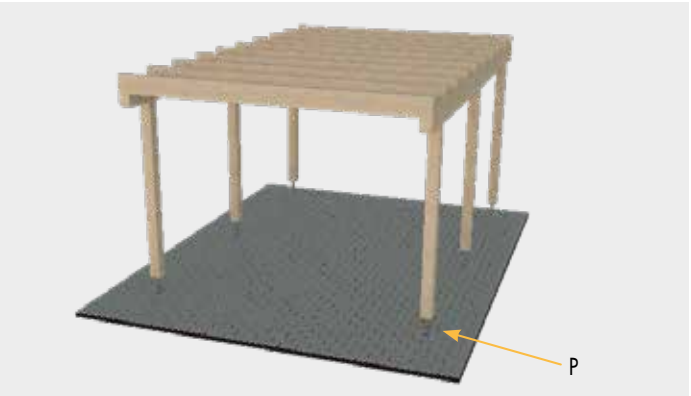
- Construction steel S235JR (ST37-2) hot-dip galvanised

CERTIFICATION

- European Technical Assessment ETA-13/0550

ETA
Europ. Techn. Bewertung
European Technical Assessment
ETA-13/0550

IMAGES OF APPLICATION



The PediX post feet (P) installed under a carport.

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PRODUCT TABLE

Description	Art. no.	Height adjustment in assembled state	Min. cross section of post	Dimensions of base plate			Compressive load-bearing capacity	Tensile load-bearing capacity	Shear force load-bearing capacity[1)]	PU
Post bases on concrete		[mm]	[mm]	Length [mm]	Width [mm]	Height [mm]	$N_{c,d}$ [kN]	$N_{t,d}$ [kN]	$V_{R,d}$ [kN]	Piece
PediX 140+50	904681	140 – 190	100 x 100	160	100	8	48,0	9,2	-	4
PediX 190+100	904682	190 – 290	100 x 100	160	100	8	30,9	9,2	-	4
PediX 300+150	904689	300 – 450	100 x 100	160	100	8	16,2	9,2	-	4
PediX 140+50 HV	904681-HV	140 – 190	100 x 100	160	100	8	48,0	9,2	3,5	4
PediX 190+100 HV	904682-HV	190 – 290	100 x 100	160	100	8	35,4	9,2	2,9	4
PediX 300+150 HV	904689-HV	300 – 450	100 x 100	160	100	8	34,5	8,6	2,3	4
Post bases in concrete		[mm]	[mm]				$N_{c,d}$ [kN]	$N_{t,d}$ [kN]		Piece
PediX B500	904683	-	100 x 100	-	-	-	49,0	24	4,6	4
PediX B500+50	904686	50	100 x 100	-	-	-	44,9	23	-	4

1) The shear force load-bearing capacity needs to be superimposed with the compressive and the tensile force according to ETA-13/0550, which can lead to lower load-bearing capacities.
Please note: The stated values are planning aids. They are subject to typographical and printing errors. Projects must only be calculated by authorised persons.

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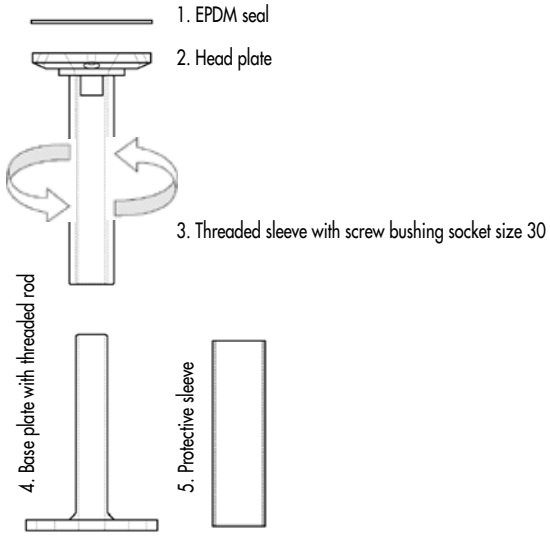
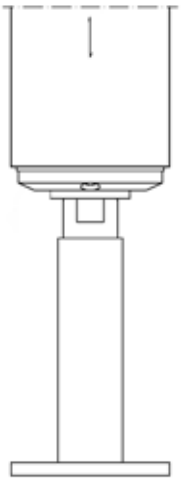
APPLICATION INSTRUCTIONS/ASSEMBLY NOTES

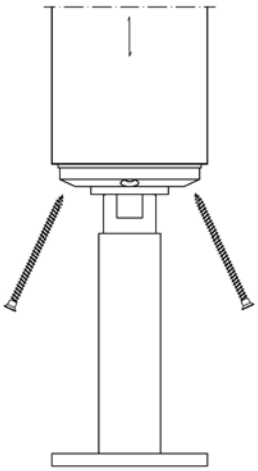
The PediX post base can be easily mounted to the hard end-grain wood:
place the EPDM seal on the post base and place both parts centrally on the end-grain wood surface.

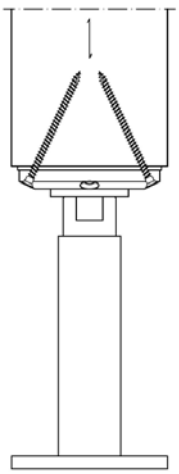




Once the head plate has been centred, the twelve fully threaded screws included in delivery can be mounted at an angle of 25 degrees without pilot drilling.

Ensure that the torque of your cordless screwdriver is set correctly as it is vital to ensure that the screws are not overtightened.





Note: To make assembly easier, base plates with threaded rod and protective sleeve can be unscrewed and removed.

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The protective sleeve and the base plate can be put back on once all screws have been fitted. Once the post has been set upright with the post base mounted, the post can be anchored to a concrete foundation with two or four Ø 12.0 x L mm anchoring bolts or Ø 12.5 x L mm rock concrete screws. The hole diameter is Ø 13.5 mm and the design-based manufacturing tolerances and subsequent settling of the individual foundations can be balanced out by using the height adjustment function (apart from PediX B500).

For each post base, twelve A2 stainless steel fully threaded screws Ø 5.0 x 80 mm are included in delivery.

If you are not familiar with how this product is used, and particularly with the product's intended use, please contact our Application Technology department (technik@eurotec.team).

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