

PU

U-shaped post bases

EMBUs are used to fasten posts on an existing substrate (balcony, deck, etc.) and protect the post from rising damp (rest at 20 mm from the ground). They can be installed easily thanks to an obround drill hole at the bottom.

Features

Material

- S235JR steel according to NF EN 10025.
- Hot-dip galvanized finish according to NF EN ISO 1461.

Benefits

- U post bases consist of a U-shaped profile with bead reinforcement and 2 support surfaces for the base.

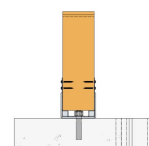
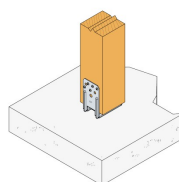
Applications

Suitable On

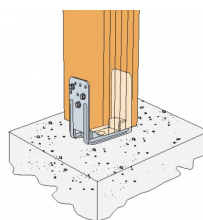
- **Supporting member:** solid wood, composite lumber, glued-laminated wood.
- **Supported member:** solid wood, composite lumber, glued-laminated wood.

When to Use

- Awning.
- Pergola.
- Veranda.



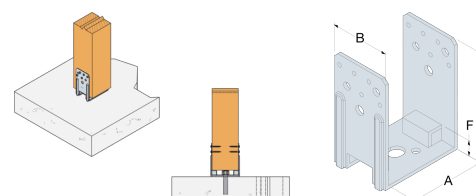
EMBU



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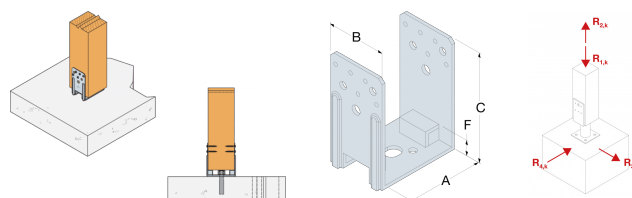
Technical Data

Product Dimensions



References	Dimensions and drill holes [mm]					Holes				Box Quantity	Weight [kg]
	A	B	C	F	t	Holes		Bottom plate holes			
						Ø5	Bolts	Ø9	17x20		
PU70-B	71	70	131	24	4	10	4	-	1	20	0.69
PU80-B	81	70	126	24	4	10	4	-	1	20	0.69
PU90-B	91	70	131	24	4	10	4	2	1	20	0.73
PU100-B	101	70	126	24	4	10	4	2	1	20	0.73
PU120-B	121	70	116	24	4	10	4	2	1	20	0.73
PU140-B	141	70	106	24	4	10	4	2	1	20	0.73

Capacities



References	Number of Fasteners				Characteristic capacities - Timber C24 [kN]	
	On post		On concrete		R _{1,k}	R _{2,k}
	Qty	Type	Qty	Type		
PU70-B	n	CNA4,0x l	1	Ø16	min (19.1 ; n x R _{lat,k})	min (n x R _{lat,k} ; 14.1/kmod)
PU80-B	n	CNA4,0x l	1	Ø16	min (19.1 ; n x R _{lat,k})	min (n x R _{lat,k} ; 11.7/kmod)
PU90-B	n	CNA4,0x l	1	Ø16	min (19.1 ; n x R _{lat,k})	min (n x R _{lat,k} ; 10.0/kmod)
PU100-B	n	CNA4,0x l	1	Ø16	min (19.1 ; n x R _{lat,k})	min (n x R _{lat,k} ; 8.76/kmod)
PU120-B	n	CNA4,0x l	1	Ø16	min (19.1 ; n x R _{lat,k})	min (n x R _{lat,k} ; 6.99/kmod)
PU140-B	n	CNA4,0x l	1	Ø16	min (19.1 ; n x R _{lat,k})	min (n x R _{lat,k} ; 5.82/kmod)

R_{lat,k} = the lateral capacities of uses CNA nails

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Installation

Fixing

On post:

- CNA annular ring-shank nails dia. 4.0 x 50 mm.
- Bolts dia. 10 or 12 mm.

On concrete:

- *Mechanical anchor:* WA M16-110/5 pin.
- *Chemical anchor:* AT-HP resin + LMAS M16-170/20 threaded rod.

