



The PP post bases are set in concrete and can absorb pressure, tension and horizontal loads.



[FR-DoP-e07/0285](#), [ETA-07/0285](#)

CARACTÉRISTIQUES



Matière

- Acier S235JR suivant NF EN 10025
- Finition galvanisation à chaud suivant NF EN ISO 1461
- Épaisseur : 4 mm

Avantages

- The PP post base consists of a top plate with a welded rebar $\varnothing 20$ mm.



APPLICATIONS

Support

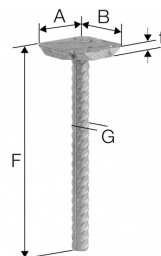
- **Porteur** : bois massif, bois composite, lamellé-collé, béton
- **Porté** : bois massif, bois composite, lamellé-collé

Domaines d'utilisation

- The PP post base is suitable for use in lightweight structures such as carports etc.

DONNÉES TECHNIQUES

Product dimensions



Références	DB nr.	NOBB nr.	Product dimensions [mm]					Top plate holes
			A	B	F	G	t	Ø6,5
PP80G	5089436	24957862	80	80	260	20	10	6

Product capacities

Références	Fasteners		Characteristic capacities [kN]		
	On the post		R _{1,k}	R _{2,k}	R _{3,k} = R _{4,k}
	Qty	Type			
PP80G	4	Full threaded screw 6.0x60	31.6/kmod	7.6	2.7

Design:

For the superposition of the action has to be verified:

on simultaneous action of F_1 and F_3/F_4

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

and

$$\frac{H_d}{R_{H,d}} \leq 1$$

and

$$\left(\frac{F_{1,d}}{R_{1,d}} \right) + \left(\frac{H_d}{R_{H,d}} \right) \leq 1,4$$

on simultaneous action of F_2 and F_3/F_4

$$\left(\frac{F_{1,d}}{R_{1,d}} \right) + \left(\frac{H_d}{R_{H,d}} \right) \leq 1$$

MISE EN OEUVRE

Fixations

- The connection to the wood is made with countersunk head screws 6,0 x 60 with full thread, which are screwed into the post at 45 °.
- The distance from the plate to the concrete should not exceed 50 mm.

