

PB Post Bases

Locking prongs inserts into concrete. The one-piece design assures maximum strength.

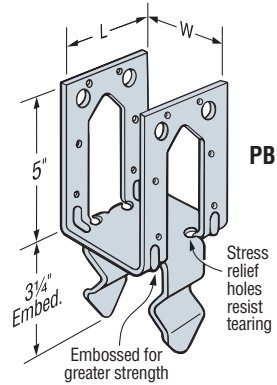
MATERIAL: 12 gauge

FINISH: Galvanized. Some products available in ZMAX® or HDG coating; see Corrosion Information, page 10-11.

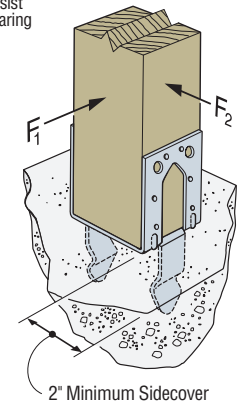
INSTALLATION: • Use all specified fasteners. See General Notes.

- Holes are provided for installation with either 16d commons or ½" bolts for PB66 and PB66R; all other models use 16d commons only.
- A 2" minimum sidecover is required to obtain the full load.
- Post bases do not provide adequate resistance to prevent members from rotating about the base and therefore are not recommended for non top-supported installations (such as fences or unbraced carports).

These products are available with additional corrosion protection. Additional products on this page may also be available with this option, check with Simpson Strong-Tie for details.



PB



Typical PB Installation

1. Factored resistances have been increased 15% for earthquake or wind loading; no further increase allowed; reduce where other loads govern.
2. Download capacity is based on either the post design or concrete design calculated per code.
3. Structural composite lumber columns have sides that show either the wide face or the edges of the lumber strands/veneers. Values in the tables reflect installation into the wide face.
4. **NAILS:** 16d = 0.162" dia. x 3½" long. See page 16-17 for other nail sizes and information.

Model No.	Dimensions (in)		Factored Resistance (K _D =1.15)							
			D.Fir-L				S-P-F			
			12-16d Nails		2-½" MB		12-16d Nails		2-½" MB	
			Uplift	F ₁	F ₂	Uplift	Uplift	F ₁	F ₂	Uplift
	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs		
	kN	kN	kN	kN	kN	kN	kN	kN		
PB44	3¾	3¼	2240	1445	1925	—	1575	1015	1355	—
			9.98	6.44	8.57	—	7.02	4.52	6.04	—
PB44R	4	3¼	2240	1445	1925	—	1575	1015	1355	—
			9.98	6.44	8.57	—	7.02	4.52	6.04	—
PB46	5½	3¼	2240	1445	1925	—	1575	1015	1355	—
			9.98	6.44	8.57	—	7.02	4.52	6.04	—
PB46R	6	3¼	2240	1445	1925	—	1575	1015	1355	—
			9.98	6.44	8.57	—	7.02	4.52	6.04	—
PB66	5½	5¼	2685	1445	1925	2685	1890	1015	1355	1890
			11.96	6.44	8.57	11.96	8.42	4.52	6.04	8.42
PB66R	6	5¼	2685	1445	1925	2685	1890	1015	1355	1890
			11.96	6.44	8.57	11.96	8.42	4.52	6.04	8.42

Caps & Bases

RCPS Rebar Carport Saddles

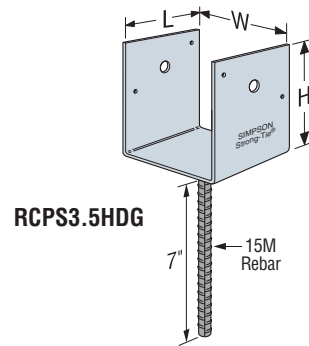
Rebar saddle bracket for connecting post to concrete.

MATERIAL: 13 gauge **FINISH:** Hot-dip galvanized, use HDG fasteners

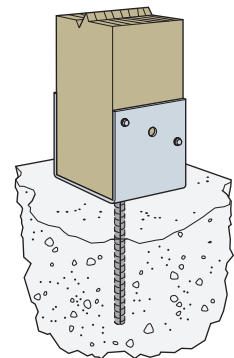
INSTALLATION: • Use all specified fasteners. See General Notes.

- Post bases do not provide adequate resistance to prevent members from rotating about the base and therefore are not recommended for non top-supported installations (such as fences or unbraced carports).

Model No.	Dimensions (in)			Fasteners
	W	L	H	
RCPS3.5HDG	3¾	3¼	3½	4-16d
RCPS4HDG	4¾	4	3½	4-16d
RCPS46HDG	4¾	6	3½	4-16d
RCPS5.5HDG	5¾	5½	3½	4-16d
RCPS6HDG	6¾	6	3½	4-16d
RCPS7.5HDG	7¾	7½	3½	4-16d
RCPS8HDG	8¾	8	3½	4-16d



RCPS3.5HDG



Typical RCPS3.5HDG Installation

1. **NAILS:** 16d = 0.162" dia. x 3½" long. See page 16-17 for other nail sizes and information.

UB/WUB Post Brackets

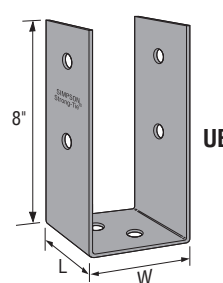
Saddle bracket for connecting post to concrete.

MATERIAL: 3 gauge **FINISH:** Hot-dip galvanized, use HDG fasteners

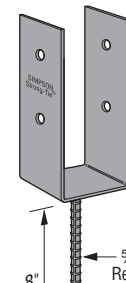
INSTALLATION: • Use all specified fasteners. See General Notes.

- Post bases do not provide adequate resistance to prevent members from rotating about the base and therefore are not recommended for non top-supported installations (such as fences or unbraced carports).

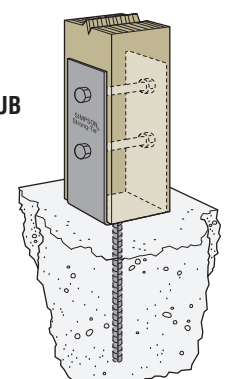
Model No.	Post Size	Dimensions (in)		Fasteners
		W	L	
UB44HDG	4x4	3¾	3	2-½" MB
UB44RHDG	4x4R	4¾	3	2-½" MB
UB66HDG	6x6	5¾	3	2-½" MB
UB66RHDG	6x6R	6¾	3	2-½" MB
WUB44HDG	4x4	3¾	3	2-½" MB
WUB44RHDG	4x4R	4¾	3	2-½" MB
WUB66HDG	6x6	5¾	3	2-½" MB
WUB66RHDG	6x6R	6¾	3	2-½" MB



UB



WUB



Typical WUB Installation

1. Provide notched out area to accommodate the anchor bolts into the wood post for UB series only. Holes sized for ½" diameter anchor bolts.
2. WUB's do not require fasteners into concrete. Refer to the application drawing for installation.