

**PB/PBS** Regular and Standoff Post Bases

The PBS features a 1" standoff height. It reduces the potential for decay at post and column ends.

**MATERIAL:** PB—12 gauge; PBS—see table

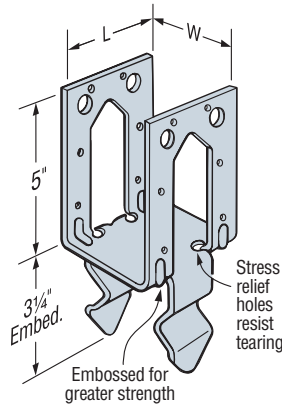
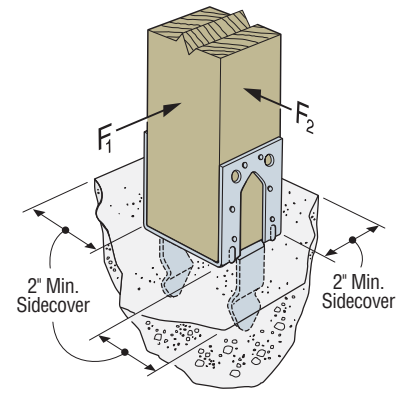
**FINISH:** Galvanized. Some products available in ZMAX® or HDG coating; see Corrosion Information, page 14-15.

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

- Install either nails or bolts (see page 16, note d).
- 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).
- PB—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.
- PBS—Embed into wet concrete up to the bottom of the 1" standoff base plate. A 2" minimum side cover is required to obtain the full load. Holes in the bottom of the straps allow for free concrete flow.

**OPTIONS:** PBS available in rough sizes, contact Simpson Strong-Tie.

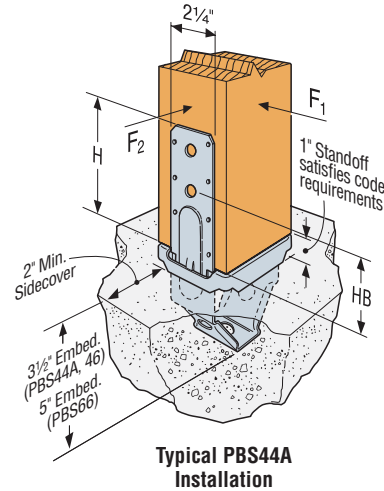
**CODES:** See page 13 for Code Reference Key Chart.

**PB****Typical PB Installation**

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.

Model No.	Dimensions		Allowable Loads (DF/SP)				Code Ref.
	W	L	12-16d Nails (160)			2-½MB	
			Uplift	F <sub>1</sub>	F <sub>2</sub>	Uplift (160)	
PB44	3⅜	3¼	1365	765	1325	—	IL16
PB44R	4	3¼	1365	765	1325	—	
PB46	5½	3¼	1365	765	1325	—	
PB66	5½	5¼	1640	765	1325	1640	
PB66R	6	5¼	1640	765	1325	1640	

1. Allowable loads have been increased for wind or earthquake loading with 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. For SCL columns, the fasteners for these products should always be installed in the wide face.
4. **NAILS:** 16d = 0.162" dia. x 3 1/2" long.  
See page 22-23 for other nail sizes and information.

**Typical PBS44A Installation**

These products are approved for installation with the Strong-Drive SD Structural-Connector screw. See page 27 for more information.

Model No.	Nominal Post Size	Material		Dimensions				Fasteners				Allowable Loads (DF/SP)								Code Ref.
		Base (Ga)	Strap (Ga)	W	L	H	HB	Anch. Dia.	Post		Uplift (160)		F <sub>1</sub> (160)		F <sub>2</sub> (160)		Down (100)			
									Nails	Machine Bolts	Nails	Bolts	Nails	Bolts	Nails	Bolts				
																		Qty.	Dia.	
PBS44A	4x4	12	14	3 <sup>3</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>2</sub>	6 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>16</sub>	—	14-16d	2	½	2400	2400	1165	230	885	885	6665	IL9	
PBS46	4x6	12	14	3 <sup>3</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>8</sub>	—	14-16d	2	½	2400	2400	1165	360	885	885	9335		
PBS66	6x6	12	12	5½	5 <sup>3</sup> / <sub>8</sub>	6½	3 <sup>11</sup> / <sub>16</sub>	—	14-16d	2	½	3160	4000	1865	570	1700	1700	9335		

1. Allowable loads have been increased for wind or earthquake with no further increase allowed; reduce where other loads govern.
2. Downloads may not be increased for short-term loading.
3. PBS—Designer to design concrete for shear and uplift capacity.
4. PBS—For higher downloads, solidly pack grout under 1" standoff plate before installing into concrete. Base download on column or concrete, according to the code.
5. Downloads shall be reduced where limited by the capacity of the post. See pages 226-227 for common post allowable loads.
6. Structural composite lumber columns have sides that show either the wide face or the edges of the lumber strands/veneers. For SCL columns, the fasteners for these products should always be installed in the wide face.
7. **NAILS:** 16d = 0.162" dia. x 3 1/2" long. See page 22-23 for other nail sizes and information.