

Versatile post base safely supports porch roof throughout construction



Load-rated PPBF post base adjusts for varying porch slab heights

The new PPBF adjustable porch post base safely supports porch framing through all phases of construction, eliminating the need for temporary vertical support and providing a stronger structure for contractors working on and around the porch roof.

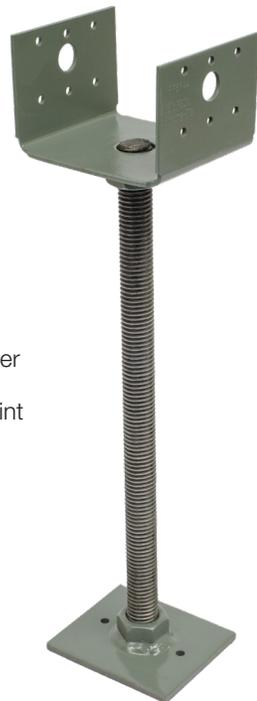
The seat height of the post base adjusts to accommodate porch-slab thicknesses from 4" to 12", providing contractors with one-time installation of the post base and post at the beginning of construction. This adjustability enables the contractor to set the post base at the correct height for the later-phase porch-slab pour.

Features

- Increases jobsite safety for trade contractors during construction
- Tested and load rated for conditions during framing and after the post base is embedded in concrete
- Saves time and money by eliminating the need for temporary supports and streamlines the subcontractor scheduling process
- Available in two sizes to accommodate nominal 4x4 and nominal 6x6 posts
- Accommodates concrete slab thicknesses from 4" to 12" while maintaining a 1" standoff height



PPBF Corner Installation
(After Slab Pour)



PPBF44

Material: Seat: 12 gauge
Base plate: 3 gauge
Threaded rod: 3/4"-diameter

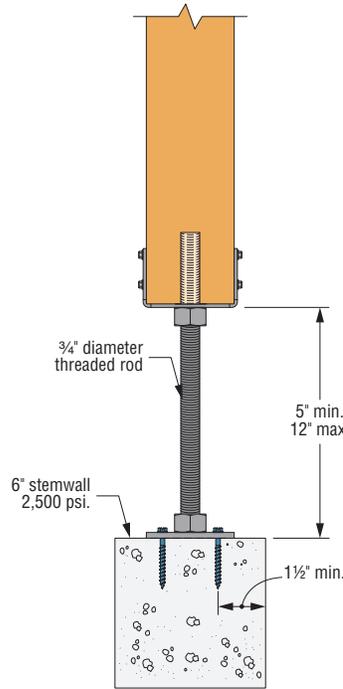
Finish: Simpson Strong-Tie gray paint



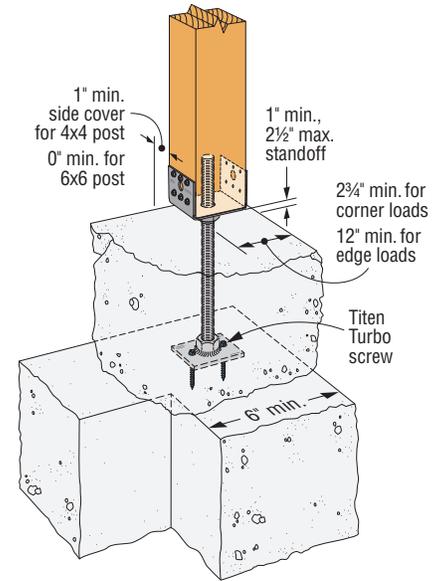
Typical PPBF Installation
(Before Slab Pour)

Installation

- Locate and place PPBF on foundation according to framing plans.
- Secure PPBF to footing with (2) $\frac{3}{16}$ " x $1\frac{3}{4}$ " Titen Turbo™ hex-head screw anchors located a minimum of $1\frac{1}{2}$ " from the edge of concrete.
- Adjust seat height according to length of post specified in framing plans with consideration given for porch slab thickness and standoff (1 " min. to $2\frac{1}{2}$ " max.). Drill a $\frac{7}{8}$ " max. diameter hole into bottom of post if necessary or cut all thread rod flush to seat.
- Attach wood post to PPBF using (12) 0.148 " x $1\frac{1}{2}$ " nails. After bracing the top and bottom of the post from lateral movement, the post may then be loaded in download or uplift.
- When ready, pour concrete porch slab up to 1 " from the bottom of the seat of the post base.

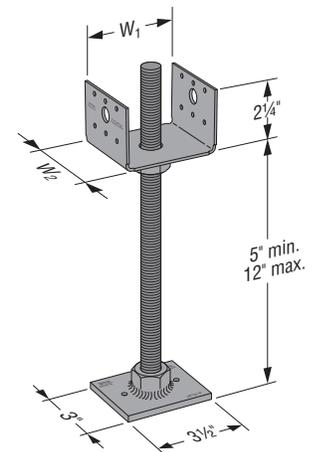


Typical PPBF Installation
(Before Slab Pour)



PPBF Corner Installation
(After Slab Pour)

Model No.	Nominal Column Size	Dimensions (in.)			Fasteners (in.)		Allowable Loads (lb.)				
		W ₁	W ₂	Min. Slab Depth	Foundation	Post	Prior to Pour		Embedded into Concrete		
							Uplift (160)	Download (100/125)	Uplift (160) ^{4,5}		Download (100/125)
Wind and Seismic Design Category A & B											
PPBF44	4x4	3½	3¼	4	(2) $\frac{3}{16}$ x $1\frac{3}{4}$ TNT	(12) 0.148 x $1\frac{1}{2}$	410	4,630	1,850		4,630
PPBF66	6x6	5½	5½	4	(2) $\frac{3}{16}$ x $1\frac{3}{4}$ TNT	(12) 0.148 x $1\frac{1}{2}$	410	5,350	1,355		5,350
Seismic Design Category C-F											
PPBF44	4x4	3½	3¼	4	(2) $\frac{3}{16}$ x $1\frac{3}{4}$ TNT	(12) 0.148 x $1\frac{1}{2}$	410	4,630	640	880	4,630
PPBF44	4x4	3½	3¼	8	(2) $\frac{3}{16}$ x $1\frac{3}{4}$ TNT	(12) 0.148 x $1\frac{1}{2}$	410	4,630	1,180	1,850	4,630
PPBF66	6x6	5½	5½	4	(2) $\frac{3}{16}$ x $1\frac{3}{4}$ TNT	(12) 0.148 x $1\frac{1}{2}$	410	5,350	640	880	5,350
PPBF66	6x6	5½	5½	8	(2) $\frac{3}{16}$ x $1\frac{3}{4}$ TNT	(12) 0.148 x $1\frac{1}{2}$	410	5,350	1,180	1,355	5,350



PPBF44
(PPBF66 similar)

1. Loads may not be increased for duration of load.
2. Loads are for DF/SP lumber. For SPF/HF lumber, multiply download by 0.86 and uplift by 1.00.
3. Concrete shall have a minimum compressive strength of $f'_c = 2,500$ psi.
4. Embedded into concrete uplift loads require the minimum slab depths shown and are applicable to uncracked or cracked concrete. Designer may calculate alternate anchorage solutions. Uplift loads shall not exceed Wind & SDC A&B allowable loads.
5. Embedded into concrete seismic uplift loads satisfy overstrength requirements per IBC 1905.1.8 using $\Omega_0 = 2.5$. This reflects $\Omega_0 = 3.0$ (for light-frame wood structural panels) – 0.5 (for flexible diaphragms per ASCE7 Table 12.2-1 footnote b.) Uplift loads between 4" and 8" slab depth may be linearly interpolated.
6. In accordance with IBC Section 1613.1, detached one- and two-family dwellings in Seismic Design Category C may use Wind and SDC A&B values.
7. Fasteners: $\frac{3}{16}$ " x $1\frac{3}{4}$ " TNT are $\frac{3}{16}$ " diameter x $1\frac{3}{4}$ " long Titen Turbo™ hex-head screw anchors. Titen® 2 screw anchors may be used with no reduction in load. #9 x $1\frac{1}{2}$ " Strong-Drive® SD Connector screws may be used in lieu of nails with no reduction.