

PPBZ

Porch Post Base

The PPBZ porch base offers a simplified, one-time installation designed to support permanent porch framing throughout all stages of construction. This design eliminates the need for temporary vertical support and streamlines the subcontractor scheduling process while still providing adequate safety to enable full access for installers/inspectors.

The porch post base is fastened to the footing with two **Titen Turbo™** masonry screws when framing the porch roof. Then, when the time is right, the concrete contractor is able to complete the last phase of the porch slab without the interference of temporary vertical support and without the framer having to return to the jobsite after the slab has hardened. Designed to withstand vertical construction loads prior to embedment in concrete, the PPBZ will support the weight of most framed porches and overhangs.

Features:

- Stiffened embedded side stirrups provide temporary vertical download support without being embedded into concrete
- 1" standoff reduces the potential for decay at post or column ends
- Two available sizes provide both 4"- and 6"-slab thicknesses
- Pre-pour installation eliminates temporary support
- No disruption in scheduling
- Eliminates additional move-ins by trades and certain inspection call backs

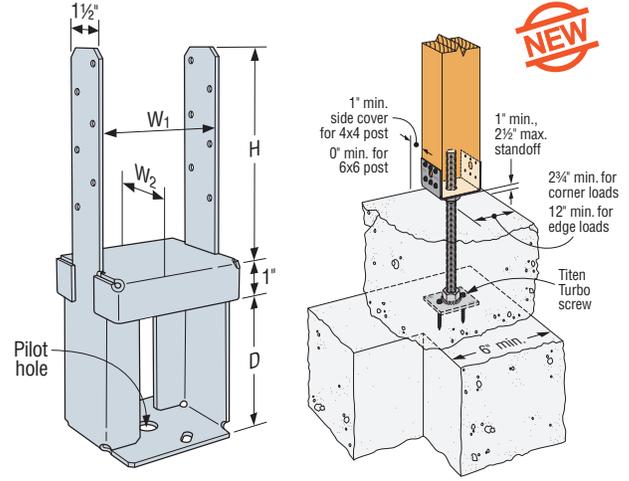
Material: 12 gauge

Finish: ZMAX® coating

Installation:

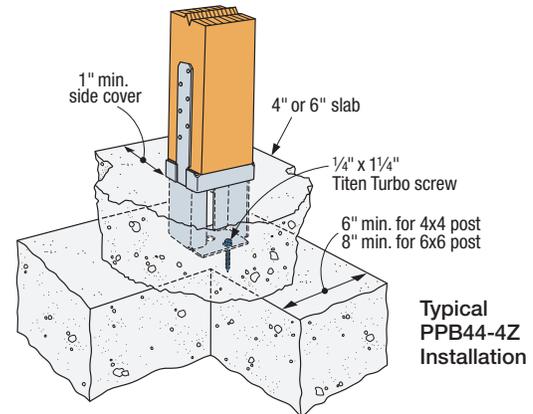
- Use all specified fasteners; see General Notes.
- Locate and place PPBZ on footing according to framing plans.
- Secure PPBZ to footing with two (1/4" dia. x 1 1/4" long hex-head) **Titen Turbo** concrete screws (**sold separately**) located a minimum of 1 1/2" from the edge of concrete.
- Attach 4x4 post to PPBZ using (12) 0.148" x 3" 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 (4" or 6") up to the bottom of the standoff base while maintaining minimum 1" concrete side coverage.

Codes: See p. 11 for Code Reference Key Chart



PPB44-4Z
(other sizes similar)

PPBF44 Installed
(For an adjustable porch post base, see strongtie.com/ppbf)



Typical PPB44-4Z Installation

These products are available with additional corrosion protection. For more information, see p. 14.

Model No.	Nominal Column Size	Dimensions (in.)				Fasteners (in.)		Allowable Loads (DF/SP/SPF/HF)					Code Ref.
		W ₁	W ₂	D	H	Foundation	Post	Prior to Pour		Embedded into Concrete			
								Uplift (160)	Down (100)	Uplift (160)		Down (100)	
								Uncracked	Cracked				
Wind and Seismic Design Category A&B													
PPB44-4Z	4x4	3 5/8	3 3/8	4	5 3/4	(2) 1/4 x 1 1/4 Titen Turbo	(12) 0.148 x 3	220	4,720	1,420	995	7,830	IBC, FL, LA
PPB44-6Z	4x4	3 5/8	3 3/8	6	5 3/4	(2) 1/4 x 1 1/4 Titen Turbo	(12) 0.148 x 3	220	4,295	2,105	2,105	10,505	
PPB66-4Z	6x6	5 5/8	5 3/8	4	5 3/4	(2) 1/4 x 1 1/4 Titen Turbo	(12) 0.148 x 3	220	6,545	1,420	995	7,830	—
PPB66-6Z	6x6	5 5/8	5 3/8	6	5 3/4	(2) 1/4 x 1 1/4 Titen Turbo	(12) 0.148 x 3	220	6,110	2,105	2,105	10,505	
Seismic Design Category C-F													
PPB44-4Z	4x4	3 3/8	3 3/8	4	5 3/4	(2) 1/4 x 1 1/4 Titen Turbo	(12) 0.148 x 3	220	4,720	1,245	870	7,830	IBC, FL, LA
PPB44-6Z	4x4	3 3/8	3 3/8	6	5 3/4	(2) 1/4 x 1 1/4 Titen Turbo	(12) 0.148 x 3	220	4,295	2,105	1,895	10,505	
PPB66-4Z	6x6	5 5/8	5 3/8	4	5 3/4	(2) 1/4 x 1 1/4 Titen Turbo	(12) 0.148 x 3	220	6,545	1,245	870	7,830	—
PPB66-6Z	6x6	5 5/8	5 3/8	6	5 3/4	(2) 1/4 x 1 1/4 Titen Turbo	(12) 0.148 x 3	220	6,110	2,105	1,895	10,505	

1. Loads may not be increased for duration of load.
2. Concrete shall have a minimum compressive strength of f_c = 2,500 psi.
3. Multiply Seismic and Wind ASD uplift and lateral load values by 1.43 or 1.67, respectively, to obtain LRFD capacities.
4. In accordance with IBC, Section 1613.1, detached one- and two-family dwellings in Seismic Design Category (SDC) C may use "Wind and SDC A&B" allowable loads.
5. Downloads shall be reduced where limited by capacity of the post.

6. Designer is responsible for concrete design.
7. For full loads, 1" concrete side cover is required on all sides.
8. Structural composite lumber columns have sides that show either the wide face or the edges of the lumber strands/veneers known as the narrow face. Values in the tables reflect straps nailed to the wide face. Do not nail PPBZ straps to the narrow face of SCL columns.
9. **Fasteners:** Nail dimensions are listed diameter by length. See pp. 21-22 for fastener information.