EPB

Elevated Post Base

Material: EPB44A — 14 gauge; others — 12 gauge base plate, 1⅛" OD x 8" pipe

Finish: EPB44A — Galvanized; all others — Simpson Strong-Tie gray paint (may be ordered HDG)

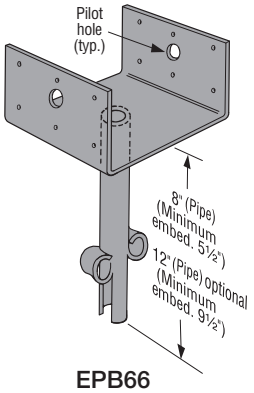
Installation:

- Use all specified fasteners; see General Notes
- Allows 1" to 2½" clearance above concrete, 2" for EPB44A
- 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)

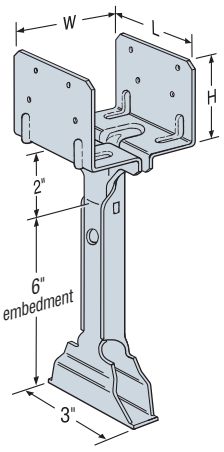
Options:

- 12" pipe available for EPB44, 46, 66; specify "-12" after model number

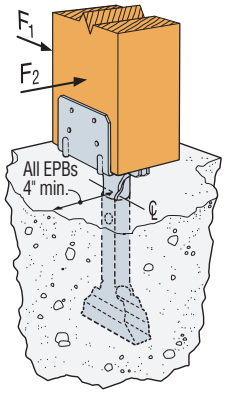
Codes: See p. 13 for Code Reference Key Chart



EPB66
(EPB44 and EPB46 similar)



EPB44A



Typical EPB44A Installation

These products are available with additional corrosion protection. For more information, see p. 16.

SD Many of these products are approved for installation with Strong-Drive® SD Connector screws. See pp. 362–366 for more information.

Model No.	Dimensions (in.)			Nails	Allowable Loads					Code Ref.
					Uncracked	Cracked	Download	F_1	F_2	
	W	L	H		Uplift (160)	Uplift (160)	(100)	(160)	(160)	
Wind and Seismic Design Category A&B										
EPB44A	3⁹⁄₁₆	3	2⅜	(8) 0.162 x 3½	1,075	755	2,670	695	795	IBC®, FL, LA
EPB44	3⁹⁄₁₆	3¼	2⁵⁄₁₆	(8) 0.162 x 3½	995	695	3,465	850	965	
EPB46	5½	3⁵⁄₁₆	3	(12) 0.162 x 3½	995	695	3,465	850	965	
EPB66	5½	5½	3	(12) 0.162 x 3½	995	695	3,465	850	965	
Seismic Design Category C–F										
EPB44A	3⁹⁄₁₆	3	2⅜	(8) 0.162 x 3½	940	660	2,670	695	795	IBC, FL, LA
EPB44	3⁹⁄₁₆	3¼	2⁵⁄₁₆	(8) 0.162 x 3½	870	605	3,465	850	965	
EPB46	5½	3⁵⁄₁₆	3	(12) 0.162 x 3½	870	605	3,465	850	965	
EPB66	5½	5½	3	(12) 0.162 x 3½	870	605	3,465	850	965	

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, the distance to the nearest concrete edge is 4" minimum from the EPB center line.
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 installation into the wide face. See technical bulletin T-C-SCLCLM at **strongtie.com** for load reductions resulting from narrow-face installations.
9. **Fasteners:** Nail dimensions are listed diameter by length. See pp. 23–24 for fastener information.