

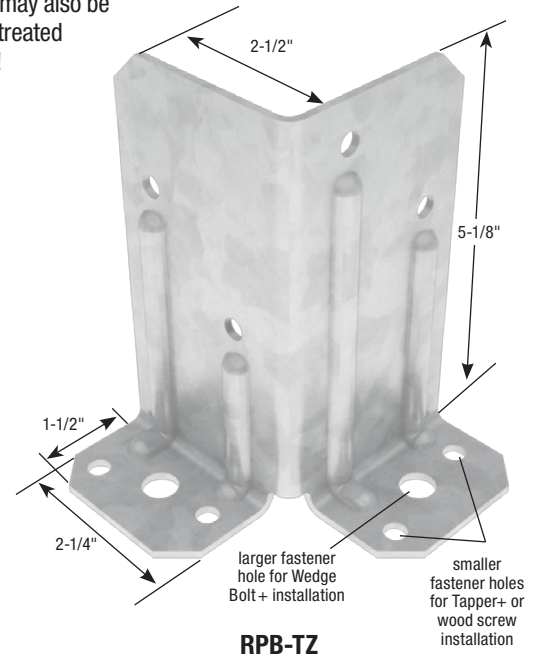


RPB-TZ post base attaches 4x4 or larger wood posts to concrete or wood surfaces and the key feature is the ability for installation after the post is in place. Can be installed with 1 or 2 RPB-TZ's (single or double). Post may also be installed on our CPB composite post base product which provides a 1-inch stand off as required in untreated wood installations. Installs with concrete screws, so no more mis-installed, mis-located, anchor bolts!

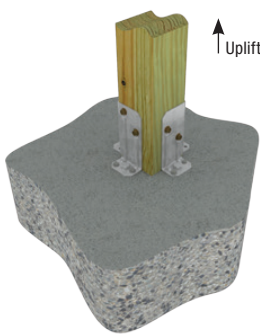
Materials: 12 gauge
Finish: G-185 galvanizing

Installation:

- USP's WS wood screws and screw anchors are not included with RPB bases. Install with specified fasteners as listed in table below.
- **Not recommended for fence posts or other unrestrained (not fixed or fastened at top) applications. These anchors are not designed to resist overturning (moment) loads.**
- **Concrete Installation:**
 1. Place RPB-TZ over one corner of post flush to both concrete and post surfaces and mark hole locations in concrete. Place aside.
 2. Drill holes for concrete screws using appropriate bit and hammer drill.
 3. Place RPB-TZ in position and install with specified fasteners as listed in table below.
 4. Repeat for RPB-TZ on other side of post for double installations.
- **Wood-to-Wood Installation:**
 1. Place RPB-TZ over one corner of post flush to wood base and post surfaces.
 2. Install all specified WS wood screws as listed in the table below.
 3. Repeat for RPB-TZ on other side of post for double installations.



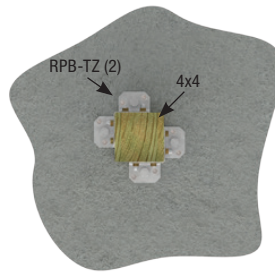
RPB-TZ



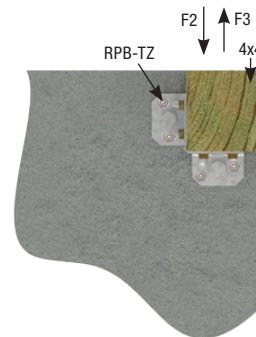
Double RPB-TZ concrete installation



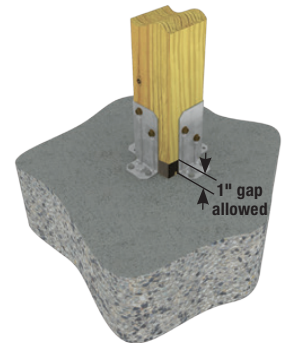
Double RPB-TZ wood-to wood installation



**Double RPB-TZ concrete installation
Min 2-1/2" from any concrete edge (Top view)**



Single RPB-TZ installation at concrete corner, flush to edge (Top view)



Double RPB-TZ installation with CPB composite post base (CPB ordered separately)

MiTek Stock No.	Ref. No.	Steel Gauge	Qty of RPB's	Fastener Schedule ⁴		DF			SPF			Ctn Qty					
				Post		Base		Factored Resistance, 115% (Lbs.) ^{1,6}									
				Qty	Type	Qty	Type ^{2,3}	Uplift	F2	F3	Uplift		F2	F3			
RPB-TZ	RPBZ	12	1	4	WS15-EXT or WS3-EXT	Concrete Base with Post Flush to Corner⁷						12					
						2	Wedge-Bolt+	2555	1165	915	2515		1165	785			
						4	Tapper+	1125	1070	830	1125		1070	710			
						Concrete Base with Post 2-1/2" from Concrete Edge⁷											
						2	Wedge-Bolt+	2555	1165	915	2515		1165	785			
						4	Tapper+	1325	1070	830	1325		1070	710			
						2 ⁵	8	WS15-EXT or WS3-EXT	Wood Base⁸								
						4	Wedge-Bolt+	3850	1830	1830	3300		1565	1565			
						8	Tapper+	2655	1830	1830	2655		1565	1565			
						1	4	WS15-EXT or WS3-EXT	4	WS15	1925		1645	830	1650	1410	710
						2	8	WS15-EXT or WS3-EXT	8	WS15	3850				3300		

1) Factored resistances are for wood posts of 4x4, 6x6 or larger.
 2) Wedge-Bolt+ refers to the Powers® 3/8" x 3" Wedge-Bolt+ screw anchor or equivalent product.
 3) Tapper+ refers to the Powers® 1/4" x 1-3/4" Tapper+ concrete screw anchor or equivalent product.
 4) All fasteners must be installed per manufacturer's recommendations.
 5) When installing connectors in pairs, the post must be a minimum of 2-1/2" from the edge of the concrete.
 6) 15% increase for short-term loads such as wind and earthquake has been taken into consideration; no further increase allowed.
 7) Concrete compressive strength shall be 2,500 psi or greater at 28 days.
 8) Wood framing base shall be at least 1-1/2" thick.