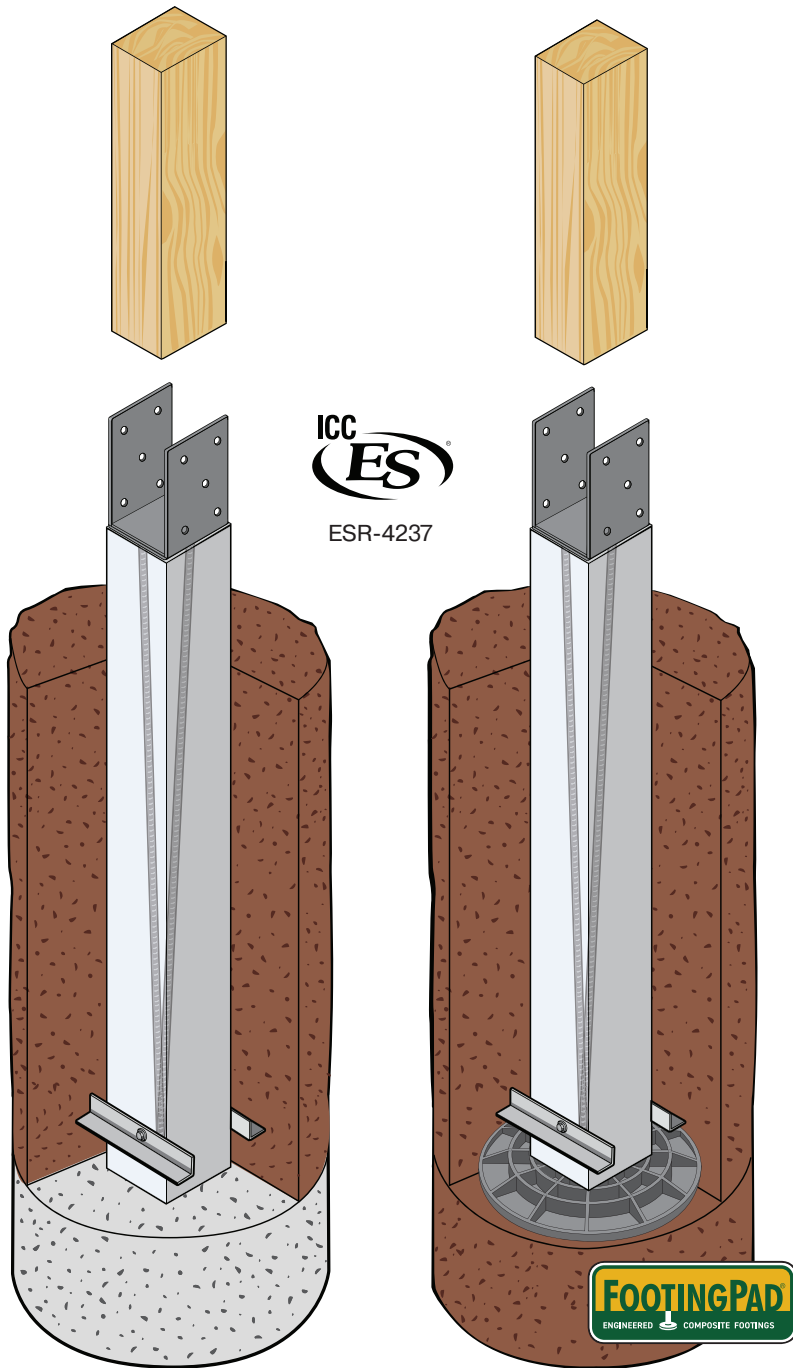


Perma-Column® precast deck posts install with ease



1. Dig post hole to required depth below frost line.
2. Level and tamp dirt at bottom of hole.
3. Place concrete or composite footer level in hole.
4. Place Perma-Column® deck post onto footer.
5. Backfill dirt in 12" lifts, tamp after each lift.

IMPORTANT NOTE: Steel bracket and the concrete column must not be cut or modified in any way.

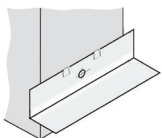


Precast concrete footer
with uplift anchors

Composite footer
with uplift anchors

ICC
ES
ESR-4237

FOOTINGPAD
ENGINEERED COMPOSITE FOOTINGS



OPTIONAL UPLIFT ANCHORS

Attach optional uplift anchors to bottom of Perma-Column® deck posts with 1/2" bolt, tighten firmly until component stops rotating. Uplift Kit includes: two 2" x 2" x 8-1/2" galvanized angles and one 1/2" x 6" Grade 5 bolt, nut, and washer.



PERMA-COLUMN® DECK POST & FOOTINGPAD® LOAD TABLES

FOOTINGPAD® LOAD TABLE

Pad diameter	Thickness (in)	Weight (lb)	LOAD CAPACITY PER POST AT:		Best uses
			1500 psf soil capacity	3000 psf soil capacity	
10 inch	1	1	810	1622	Decks and small post-frame structures
12 inch	1-1/2	2.75	1126	2356	Decks and post-frame structures
16 inch	1-1/2	4.5	2009	4200	Larger decks and post-frame structures
20 inch	2-1/2	9	2687	6545	Larger decks and post-frame structures
24 inch	2-1/2	13.5	4013	9327	Larger decks and post-frame structures

PERMA-COLUMN® LOAD TABLE

Model ID	Width (in)	Depth (in)	Length (in)	LOAD AND RESISTANCE FACTOR DESIGN (LRFD)						ALLOWABLE STRENGTH DESIGN (ASD)					
				P _{LRFD} (lb)	M _{LRFD-x} (ft-lb)	M _{LRFD-z} (ft-lb)	V _{LRFD-x} (lb)	V _{LRFD-z} (lb)	T _{LRFD} (lb)	P _{ASD} (lb)	M _{ASD-x} (ft-lb)	M _{ASD-z} (ft-lb)	V _{ASD-x} (lb)	V _{ASD-z} (lb)	T _{ASD} (lb)
DP4430	3-5/8	3-1/2	30	46,076	1456	1400	952	986	956	28,798	910	875	595	616	636
DP4440	3-5/8	3-1/2	40	46,076	1456	1400	952	986	956	28,798	910	875	595	616	636
DP4448	3-5/8	3-1/2	48	46,076	1456	1400	952	986	956	28,798	910	875	595	616	636
DP4460	3-5/8	3-1/2	60	46,076	1456	1400	952	986	956	28,798	910	875	595	616	636
DP6630	5-5/8	5	30	101,268	2981	4048	2109	2900	1658	63,293	1863	2530	1318	1813	1103
DP6640	5-5/8	5	40	101,268	2981	4048	2109	2900	1658	63,293	1863	2530	1318	1813	1103
DP6648	5-5/8	5	48	101,268	2981	4048	2109	2900	1658	63,293	1863	2530	1318	1813	1103
DP6660	5-5/8	5	60	101,268	2981	4048	2109	2900	1658	63,293	1863	2530	1318	1813	1103
DP6430	6-1/8	5	30	109,556	3215	4048	2297	3388	1289	68,472	2009	2553	1436	2117	857
DP6440	6-1/8	5	40	109,556	3215	4048	2297	3388	1289	68,472	2009	2553	1436	2117	857
DP6448	6-1/8	5	48	109,556	3215	4048	2297	3388	1289	68,472	2009	2553	1436	2117	857
DP6460	6-1/8	5	60	109,556	3215	4048	2297	3388	1289	68,472	2009	2553	1436	2117	857

For SI: 1 inch = 25.4 mm, 1 pound = 4.4482

¹ For biaxial bending: $\frac{m_x}{M_x} + \frac{m_y}{M_y} \leq 1$

² The tabulated values account for combined axial compression load and bending moment load. No reduction in axial compression loads and bending moment loads for combined axial compression bending moment is required.

³ For combined tension loads and bending moment loads: $\frac{t}{T} + \frac{m}{M} \leq 1$

BUILD DECKS FASTER. SELL MORE DECKS. MAKE MORE MONEY.

