

Selection Charts

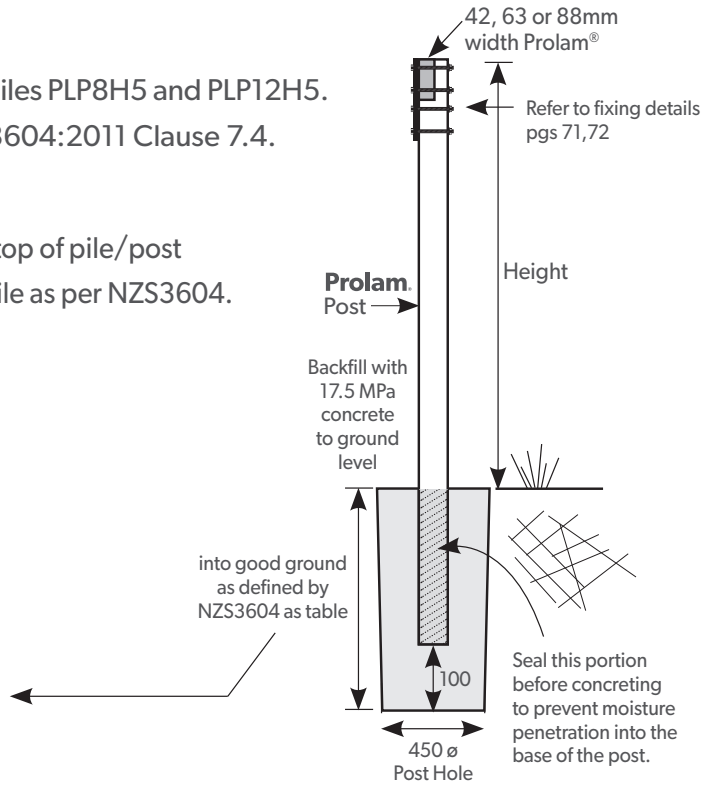
Table 14

Bracing units for Prolam® Posts. For use as Deck Piles PLP8H5 and PLP12H5. Piles supporting timber deck constructed to NZS 3604:2011 Clause 7.4.

Deck Pile Bracing Units

Prolam post height measured from top of concrete to top of pile/post
Piles rated at 120 * BU's are equivalent to an anchor pile as per NZS3604.

Prolam Post Deck Pile	Pile/Post Height (m)	Bracing Units	Bearer / pile connection	Min footing depth @ 450 dia (m)
PLP8H5-150 135x135	0.75	120 *	12 kN Kit	1.2
	1.00	53	6 kN Kit	1.1
	1.20	30	6 kN Kit	1.0
	1.50	19	6 kN Kit	1.0
	1.80	13	6 kN Kit	0.9
PLP12H5-150 135x135	0.74	120 *	12 kN Kit	1.2
	1.00	63	6 kN Kit	1.2
	1.20	44	6 kN Kit	1.1
	1.50	28	6 kN Kit	1.1
	1.80	19	6 kN Kit	1.0
PLP8H5-200 180x180	1.00	120 *	12 kN Kit	1.3
	1.20	95	12 kN Kit	1.2
	1.50	60	6 kN Kit	1.2
	1.80	40	6 kN Kit	1.2
	2.10	30	6 kN Kit	1.2
	2.40	24	6 kN Kit	1.2
	2.70	19	6 kN Kit	1.2
PLP12H5-200 180x180	1.20	120 *	12 kN Kit	1.4
	1.50	89	12 kN Kit	1.4
	1.80	62	6 kN Kit	1.3
	2.10	45	6 kN Kit	1.3
	2.40	34	6 kN Kit	1.3
	2.70	27	6 kN Kit	1.3
	3.00	21	6 kN Kit	1.2
	3.30	18	6 kN Kit	1.2
PLP8H5-250 220x220	1.60	120 *	12 kN Kit	1.3
	1.80	95	12 kN Kit	1.3
	2.10	70	12 kN Kit	1.2
	2.40	54	6 kN Kit	1.2
	2.70	42	6 kN Kit	1.2
	3.00	34	6 kN Kit	1.2
	3.30	19	6 kN Kit	1.2
PLP12H5-250 220x220	1.80	120 *	12 kN Kit	1.5
	2.10	101	12 kN Kit	1.5
	2.40	77	12 kN Kit	1.4
	2.70	61	6 kN Kit	1.4
	3.00	49	6 kN Kit	1.4
	3.30	41	6 kN Kit	1.4
	3.60	34	6 kN Kit	1.4
PLP8H5-300 260x260	2.25	120 *	12 kN Kit	1.4
	2.40	105	12 kN Kit	1.4
	2.70	80	12 kN Kit	1.3
	3.00	65	12 kN Kit	1.3
	3.30	55	12 kN Kit	1.3
	3.60	47	12 kN Kit	1.3
	3.90	40	6 kN Kit	1.3
	4.20	34	6 kN Kit	1.3
PLP12H5-300 260x260	2.70	120 *	12 kN Kit	1.5
	3.00	97	12 kN Kit	1.5
	3.30	80	12 kN Kit	1.4
	3.60	67	6 kN Kit	1.4
	3.90	57	6 kN Kit	1.4
	4.20	49	6 kN Kit	1.4
	4.50	43	6 kN Kit	1.4
	4.80	38	6 kN Kit	1.4



PLP12H5-250 220x220	1.80	120 *	12 kN Kit	1.5
	2.10	101	12 kN Kit	1.5
	2.40	77	12 kN Kit	1.4
	2.70	61	6 kN Kit	1.4
	3.00	49	6 kN Kit	1.4
	3.30	41	6 kN Kit	1.4
	3.60	34	6 kN Kit	1.4
	3.90	29	6 kN Kit	1.4
PLP8H5-300 260x260	2.25	120 *	12 kN Kit	1.4
	2.40	105	12 kN Kit	1.4
	2.70	80	12 kN Kit	1.3
	3.00	65	12 kN Kit	1.3
	3.30	55	12 kN Kit	1.3
	3.60	47	12 kN Kit	1.3
	3.90	40	6 kN Kit	1.3
	4.20	34	6 kN Kit	1.3
PLP12H5-300 260x260	2.70	120 *	12 kN Kit	1.5
	3.00	97	12 kN Kit	1.5
	3.30	80	12 kN Kit	1.4
	3.60	67	6 kN Kit	1.4
	3.90	57	6 kN Kit	1.4
	4.20	49	6 kN Kit	1.4
	4.50	43	6 kN Kit	1.4
	4.80	38	6 kN Kit	1.4

These span tables apply only to Prolam products