

Soil Description	Blow Count (N)	HULK HP25	HULK HP35	HULK H50	HULK H80	HULK H110	HULK HG100	HULK HG180	HULK HG320
Installation Depth		0.6m	0.9m	1.2m	1.2m	1.2m	2.1m	2.1m	2.1m
Ultimate anchor strength	N/A	5kN	30kN	60kN	60kN	60kN	280kN	280kN	280kN
Very dense / cemented sands; Coarse gravel and cobbles	60+	5kN (1,3)	25-30kN (1,3)	45-60kN (1,3)	50-60kN (1,3)	60kN (1,3)	140-280kN (1,3)	N/A (5)	N/A (5)
Dense fine compacted sands; Very hard silts or clays	45-60	3.5-5kN (1,3,4)	17-25kN (2,3,4)	27-45kN (2,3,4)	36-50kN (2,3)	45-60kN (2,3)	105-140kN (2,4)	170-280kN (1,3,4)	201-280kN (1,3)
Dense clays, sands and gravels; Hard silts and clays	35-50	2.5-4kN (2,4)	13-17kN (4)	18-27kN (4)	24-36kN (4)	30-45kN (2,3)	75-100kN (2,4)	113-170kN (2,4)	160-201kN (2,3,4)
Medium dense sandy gravel; Very stiff to hard silts and clays	24-40	2-3kN (2,4)	8-12kN (4)	13-18kN (4)	18-22kN (4)	23-30kN (4)	60-90kN (4)	85-95kN (2,4)	121-170kN (2,4)
Mediums dense coarse sand and sandy gravel; Stiff to very stiff silts and clays	14-25	1-2.5kN (2,4)	7-9kN (4)	9-13kN (4)	14-18kN (4)	18-23kN (4)	45-60kN (4)	40-95kN (4)	90-121kN (4)
Loose to medium dense fine to coarse sand; Firm to stiff clays and silts	7-14	0.5-1.2kN (4)	5-7kN (4)	7-11kN (4)	9-16kN (4)	13-20kN (4)	35-50kN (4)	47-71kN (4)	70-90kN (4)
Loose fine sand; Alluvium; Soft clays; Fine saturated silty sand	4-8	0.2-0.7kN (4,6)	4-5kN (4)	4-7kN (4,6)	6-10kN (4,6)	8-13kN (4,6)	25-40kN (4,6)	38-56kN (4,6)	45-70kN (4,6)
1) Drilled pilot hole required for efficient installation. 2) Ease of installation may be improved by drilling a pilot hole. 3) Holding capacity limited by ultimate strength of anchors.				4) Holding capacity limited by soil structure. 5) Not recommended in these soils. 6) Wide variation in soil properties reduces prediction accuracy. Pre-construction field test is recommended.					
Predicted ultimate holding capacities are based on the results of extensive testing and are offered as an application guide only. Users must factor in their individual, appropriate safety factors. The ultimate anchor assembly strength is tendon dependent.									

Distributed By:



M 0403 598 236
E daniel@earthanchorsystems.com.au
W www.earthanchorsystems.com.au
P Po Box 23, Wanneroo WA 6946