

## Technical Data of PACO Square - Shaped Pile

TYPE OF PILES (mm x mm)	MAX LENGTH PER PIECE (m)	CONCRETE CROSS SECTION AREA (cm <sup>2</sup> )	ESTIMATED PERIMETER (cm)	MOMENT OF INERTIA OF CONCRETE (cm <sup>4</sup> )	WEIGHT (kg/m)	RECOMMENDED SAFE LOAD (BKK AREA) (Ton)
S - 150 x 150	15	225 *	60	4,219	54	10 - 15
S - 160 x 160	18	256	64	5,461	61	10 - 15
S - 180 x 180	18	324 *	72	8,747	78	15 - 20
S - 200 x 200	20	400	80	13,333	96	20 - 25
S - 220 x 220	20	484 *	88	19,521	116	25 - 30
S - 260 x 260	22	676 *	104	38,081	162	40 - 45
S - 300 x 300	24	900 *	120	67,500	216	45 - 60
S - 350 x 350	27	1,225 *	140	125,052	294	60 - 80
S - 400 x 400	28	1,600 *	160	213,333	384	80 - 100
S - 450 x 450	32	2,025 *	180	341,718	486	100 - 120
S - 525 x 525	28	2,756 *	210	633,076	662	120 - 150

Remarks : Recommended safe loads depend on soil conditions and total length of pile.  
Piles can be manufactured in single lengths or sectional welded lengths.  
(\* ) These designs conform to TIS 396 - 2549 (2006).  
All other designs per PACO specifications or designer specifications.