

PZC SHEET PILING PROPERTIES

PZC profiles are named for their strength in metric designations. For example, PZC 18 has a Section Modulus of 1,800 cm³/meter. **PZC profiles should always be the designer's first choice in order to provide the end user with a highly efficient ratio of section modulus to weight.** The following PZC sections are part of the Guide Specification published by the U.S. Army Corps of Engineers.

Section	Nominal Dimensions				Per Single Section						Per Unit of Wall			
	Nominal Width	Wall Depth (Height)	Web Thickness	Flange Thickness	Area	Weight	Moment of Inertia	Section Modulus	Total Surface Area	Nominal Coating Area*	Area	Weight	Moment of Inertia	Section Modulus
	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. ² (cm ²)	lbs/ft (kg/m)	in. ⁴ (cm ⁴)	in. ³ (cm ³)	ft ² /ft (m ² /m)	ft ² /ft (m ² /m)	in. ² /ft (cm ² /m)	lbs/ft ² (kg/m ²)	in. ⁴ /ft (cm ⁴ /m)	in. ³ /ft (cm ³ /m)
PZC 13	27.88	12.56	0.375	0.375	14.82	50.4	353.0	56.2	6.10	5.60	6.38	21.7	152.0	24.2
	708	319	9.5	9.5	95.6	75.1	14,690	920	1.86	1.71	135.1	106.0	20,760	1,300
PZC 14	27.88	12.60	0.420	0.420	16.15	55.0	381.6	60.5	6.10	5.60	6.95	23.7	164.3	26.0
	708	320	10.7	10.7	104.2	81.8	15,890	990	1.86	1.71	147.2	115.5	22,440	1,400
PZC 18	25.00	15.25	0.375	0.375	14.82	50.4	532.2	69.8	6.10	5.60	7.12	24.2	255.5	33.5
	635	387	9.5	9.5	95.6	75.1	22,150	1,145	1.86	1.71	150.6	118.2	34,890	1,800
PZC 19	25.00	15.30	0.420	0.420	16.16	55.0	576.3	75.3	6.10	5.60	7.75	26.4	276.6	36.1
	635	388	10.7	10.7	104.2	81.8	23,990	1,235	1.86	1.71	164.1	128.8	37,780	1,945
PZC 25	27.88	17.66	0.485	0.560	20.40	69.4	938.7	106.3	6.65	6.15	8.78	29.9	404.1	45.7
	708	449	12.3	14.2	131.6	103.3	39,070	1,740	2.03	1.87	185.9	145.9	55,190	2,455
PZC 26	27.88	17.70	0.525	0.600	21.72	73.9	994.3	112.4	6.65	6.15	9.35	31.8	428.1	48.4
	708	450	13.3	15.2	140.1	110.0	41,390	1,840	2.03	1.87	197.9	155.4	58,460	2,600
PZC 28	27.88	17.75	0.570	0.645	23.22	79.0	1,057	119.1	6.65	6.15	10.00	34.0	455.1	51.3
	708	451	14.5	16.4	149.8	117.6	44,000	1,950	2.03	1.87	211.6	166.1	62,150	2,755

*Both sides of sheet; excludes socket interior and ball of interlock.

All dimensions given are nominal. Actual flange and web thicknesses vary due to mill rolling practices; however, permitted variations for such dimensions are not addressed.

