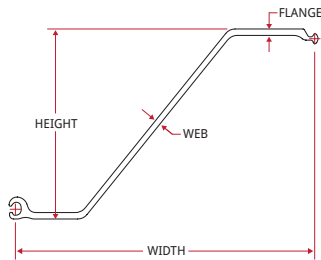
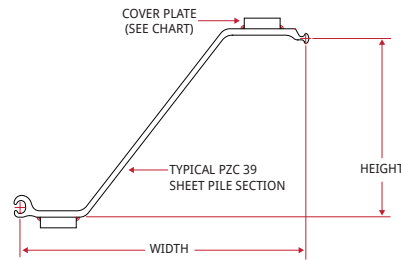


### Z Pile Profile



### Cover Plated Z Profile



Section	Width+		Height+		Web Thickness+		Flange Thickness+		Weight		Moment of Inertia		Section Modulus		Nominal Coating Area*							
	in	mm	in	mm	in	mm	in	mm	lb / lft	kg / lm	in <sup>4</sup>	in <sup>4</sup> / wft	in <sup>3</sup>	in <sup>3</sup> / wft	ft <sup>2</sup> / lft							
	mm	mm	mm	mm	mm	mm	mm	mm	kg / lm	kg / m <sup>2</sup>	cm <sup>4</sup>	cm <sup>4</sup> / wm	cm <sup>3</sup>	cm <sup>3</sup> / wm	m <sup>2</sup> / lm							
PZC 13	27.88	708	12.56	319	0.375	9.5	0.375	9.5	50.4	75.1	21.7	106.0	353.0	14,690	152.0	20,760	56.2	920	24.2	1,300	5.60	1.71
	27.88	708	12.60	320	0.420	10.7	0.420	10.7	55.0	81.8	23.7	115.5	381.6	15,890	164.3	22,440	60.5	990	26.0	1,400	5.60	1.71
PZC 14	27.88	708	12.60	320	0.420	10.7	0.420	10.7	55.0	81.8	23.7	115.5	381.6	15,890	164.3	22,440	60.5	990	26.0	1,400	5.60	1.71
	27.88	708	12.60	320	0.420	10.7	0.420	10.7	55.0	81.8	23.7	115.5	381.6	15,890	164.3	22,440	60.5	990	26.0	1,400	5.60	1.71
PZC 18	25.00	635	15.25	387	0.375	9.5	0.375	9.5	50.4	75.1	24.2	118.2	532.2	22,150	255.5	34,890	69.8	1,145	33.5	1,800	5.60	1.71
	25.00	635	15.30	388	0.420	10.7	0.420	10.7	55.0	81.8	26.4	128.8	576.3	23,990	276.6	37,780	75.3	1,235	36.1	1,945	5.60	1.71
PZC 19	25.00	635	15.30	388	0.420	10.7	0.420	10.7	55.0	81.8	26.4	128.8	576.3	23,990	276.6	37,780	75.3	1,235	36.1	1,945	5.60	1.71
	27.88	708	17.66	449	0.485	12.3	0.560	14.2	69.4	103.3	29.9	145.9	938.7	39,070	404.1	55,190	106.3	1,740	45.7	2,455	6.15	1.87
PZC 25	27.88	708	17.66	449	0.485	12.3	0.560	14.2	69.4	103.3	29.9	145.9	938.7	39,070	404.1	55,190	106.3	1,740	45.7	2,455	6.15	1.87
	27.88	708	17.66	449	0.485	12.3	0.560	14.2	69.4	103.3	29.9	145.9	938.7	39,070	404.1	55,190	106.3	1,740	45.7	2,455	6.15	1.87
PZC 26	27.88	708	17.70	450	0.525	13.3	0.600	15.2	73.9	110.0	31.8	155.4	994.3	41,390	428.1	58,460	112.4	1,840	48.4	2,600	6.15	1.87
	27.88	708	17.75	451	0.570	14.5	0.645	16.4	79.0	117.6	34.0	166.1	1,057	44,000	455.1	62,150	119.1	1,950	51.3	2,755	6.15	1.87
PZC 28	27.88	708	17.75	451	0.570	14.5	0.645	16.4	79.0	117.6	34.0	166.1	1,057	44,000	455.1	62,150	119.1	1,950	51.3	2,755	6.15	1.87
	27.88	708	17.75	451	0.570	14.5	0.645	16.4	79.0	117.6	34.0	166.1	1,057	44,000	455.1	62,150	119.1	1,950	51.3	2,755	6.15	1.87
PZC 28	22.50	572	21.02	534	0.488	12.4	0.563	14.3	69.6	103.6	37.1	181.2	1,349	56,160	719.6	98,270	128.4	2,100	68.5	3,680	6.15	1.87
	22.50	572	21.02	534	0.488	12.4	0.563	14.3	69.6	103.6	37.1	181.2	1,349	56,160	719.6	98,270	128.4	2,100	68.5	3,680	6.15	1.87
PZC 37	22.50	572	21.02	534	0.488	12.4	0.563	14.3	69.6	103.6	37.1	181.2	1,349	56,160	719.6	98,270	128.4	2,100	68.5	3,680	6.15	1.87
	22.50	572	21.02	534	0.488	12.4	0.563	14.3	69.6	103.6	37.1	181.2	1,349	56,160	719.6	98,270	128.4	2,100	68.5	3,680	6.15	1.87
PZC 39	22.50	572	21.05	535	0.525	13.3	0.600	15.2	74.0	110.2	39.5	192.8	1,429	59,480	762.1	104,100	135.6	2,220	72.3	3,890	6.15	1.87
	22.50	572	21.05	535	0.525	13.3	0.600	15.2	74.0	110.2	39.5	192.8	1,429	59,480	762.1	104,100	135.6	2,220	72.3	3,890	6.15	1.87
PZC 39	22.50	572	21.05	535	0.525	13.3	0.600	15.2	74.0	110.2	39.5	192.8	1,429	59,480	762.1	104,100	135.6	2,220	72.3	3,890	6.15	1.87
	22.50	572	21.05	535	0.525	13.3	0.600	15.2	74.0	110.2	39.5	192.8	1,429	59,480	762.1	104,100	135.6	2,220	72.3	3,890	6.15	1.87
PZC 41	22.50	572	21.09	536	0.561	14.2	0.636	16.2	78.4	116.6	41.8	204.1	1,507	62,720	803.6	109,700	142.7	2,340	76.1	4,090	6.15	1.87
	22.50	572	21.09	536	0.561	14.2	0.636	16.2	78.4	116.6	41.8	204.1	1,507	62,720	803.6	109,700	142.7	2,340	76.1	4,090	6.15	1.87

Available Grades: ASTM A572 Gr. 50 and 60, A588 and A690  
 +Values stated are nominal  
 \*Both sides of sheet excludes socket interior and ball interlock

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Section	Normal Width	Plate Size	Per Single Section				Per Unit of Wall				
			Area	Weight	Total Surface Area	Nominal Coating Area*	Weight		Moment of Inertia	Section Modulus	
							Full Length Plates	Half Length Plates			
in	in	in <sup>2</sup>	lb / ft	ft <sup>2</sup> / lft	ft <sup>2</sup> / lft	lb / ft <sup>2</sup>	lb / ft <sup>2</sup>	in <sup>4</sup> / wft	in <sup>3</sup> / wft		
mm	mm	cm <sup>2</sup>	kg / m	m <sup>2</sup> / lm	m <sup>2</sup> / lm	kg / m <sup>2</sup>	kg / m <sup>2</sup>	cm <sup>4</sup> / wm	cm <sup>3</sup> / wm		
PZC 46-CP (PZC39)	22.50	3 x 0.500	24.76	84.2	6.82	6.32	44.9	42.1	947.8	86	
	572	76 x 13	159.8	125.2	2.08	1.93	219.3	205.6	129,400	4,630	
PZC 48-CP (PZC39)	22.50	3 x 0.625	25.51	86.7	6.86	6.36	46.3	42.9	997	89.4	
	572	76 x 16	164.6	129.0	2.09	1.94	226.1	209.5	136,100	4,810	
PZC 54-CP (PZC39)	22.50	3 x 1.00	27.76	94.4	6.96	6.48	50.3	44.9	1151	99.9	
	572	76 x 25.4	179.1	140.5	2.13	1.98	245.6	218.5	157,100	5,370	

- \*Excludes socket interior and ball interlock
- Best economy is obtained when plate length is limited to area of high moment.
- Fillet weld should be sized to adequately resist design loads and should be continuous and all around.
- Cover plate length depends upon bending moment curve.
- Weld requirements should be specified by design engineer.

Available Grades: ASTM A572 Gr. 50