



DOUBLE Z SHEET PILE SERIES

Section	Per Single Section							Per Unit of Wall					GR 60	GR 65
	Width (w)	Height (h)	Flange (tf)	Web (tw)	Cross Sec Area (A)	Weight (m)	Coating Area	Cross Sec Area (A)	Weight (m)	Moment of Inertia (Iy)	Elastic Modulus (Sx)	Plastic Modulus (Sx)	Allow Bend Moment NON FACTORED (Mmax)	
	mm	mm	mm	mm	cm ²	kg/m	m ² /m	cm ² /m	kg/m ²	cm ⁴ /m	cm ³ /m	cm ³ /m	kN-m/m	kN-m/m
	in	in	in	in	in ²	lbs/ft	ft ² /ft	in ² /ft	lbs/ft ²	in ⁴ /ft	in ³ /ft	in ³ /ft	kip-ft/ft	kip-ft/ft
ZZ12-770	770	343.5	8.6	8.5	92.99	72.8	1.96	132.8	104.0	21,496	1,252	1,488	518	561
	30.31	13.52	0.339	0.335	14.41	48.92	6.44	5.71	19.37	157.4	23.3	23.3	116.4	126.1
ZZ13-770	770	344	9.1	9	97.40	76.2	1.96	139.1	108.9	22,433	1,304	1,551	540	585
	30.31	13.54	0.358	0.354	15.10	51.22	6.44	5.98	20.28	164.3	24.3	24.3	121.3	131.4
ZZ14-770	770	344.5	9.6	9.5	101.80	79.6	1.96	145.4	113.8	23,370	1,357	1,613	561	608
	30.31	13.56	0.378	0.375	15.78	53.52	6.44	6.25	21.19	171.1	25.2	25.2	126.2	136.7
ZZ16-700	700	419.5	8.5	8.4	92.99	72.4	1.97	132.8	103.4	35,875	1,710	2,004	707	766
	27.56	16.52	0.335	0.331	14.41	48.63	6.47	6.28	21.17	262.7	31.8	37.3	159.1	172.3
ZZ17-700	700	420	9.1	9	97.40	76.5	1.97	139.1	109.2	37,749	1,798	2,121	744	806
	27.56	16.54	0.358	0.354	15.10	51.38	6.47	6.57	22.37	276.4	33.4	39.6	167.2	181.1
ZZ18-700	700	420.5	9.6	9.5	101.80	79.9	1.97	145.4	114.2	39,322	1,870	2,199	774	838
	27.56	16.56	0.378	0.375	15.78	53.71	6.47	6.87	23.39	288.0	34.8	41.0	174.0	188.4
ZZ19-700	700	421	10.1	10	106.20	83.4	1.97	151.7	119.1	40,897	1,943	2,292	804	871
	27.56	16.57	0.398	0.394	16.46	56.03	6.47	7.17	24.40	299.5	36.1	42.7	180.7	195.8
ZZ20-700	700	421.5	10.6	10.5	110.60	86.8	1.97	158.0	124.0	42,471	2,015	2,379	834	903
	27.56	16.59	0.417	0.413	17.14	58.35	6.47	7.46	25.41	311.0	37.5	44.3	187.5	203.1
ZZ24-700	700	459.2	11.3	11.2	122.06	95.8	2.05	174.4	136.9	55,949	2,437	2,875	1,008	1,092
	27.56	18.08	0.445	0.441	18.92	64.39	6.71	8.24	28.04	409.7	45.3	53.7	226.7	245.5
ZZ26-700	700	460.2	12.3	12.2	131.18	103.0	2.05	187.4	147.1	59,843	2,601	3,071	1,076	1,166
	27.56	18.12	0.484	0.480	20.33	69.21	6.72	8.85	30.13	438.2	48.4	57.1	241.9	262.1
ZZ27-700	700	460.7	12.8	12.7	135.50	106.4	2.05	193.6	152.0	61,641	2,676	3,089	1,107	1,199
	27.56	18.14	0.504	0.500	21.00	71.48	6.72	9.14	31.12	451.4	49.8	57.5	248.9	269.6
ZZ28-700	700	461.2	13.3	13.2	140.30	110.1	2.05	200.4	157.3	63,740	2,764	3,278	1,144	1,239
	27.56	18.16	0.524	0.520	21.75	74.02	6.72	9.47	32.23	466.8	51.4	61.0	257.1	278.5
ZZ36-700	700	499.2	15.1	11.2	151.27	118.7	2.18	216.1	169.6	89,753	3,596	4,151	1,488	1,612
	27.56	19.65	0.594	0.441	23.45	79.80	7.14	10.21	34.75	657.2	66.9	77.3	334.5	362.3
ZZ38-700	700	500.2	16.1	12.2	161.16	126.51	2.18	230.2	180.7	94,984	3,798	4,363	1,571	1,702
	27.56	19.69	0.634	0.480	24.98	85.02	7.14	10.88	37.02	695.6	70.6	81.2	353.2	382.6
ZZ40-700	700	501.2	17.1	13.2	171.06	134.28	2.18	244.4	191.8	100,219	3,999	4,610	1,655	1,792
	27.56	19.73	0.673	0.520	26.51	90.24	7.15	11.54	39.29	733.9	74.4	85.8	372.0	402.9
ZZ42-700	700	499.2	19.1	14.2	182.10	142.9	2.17	260.1	204.2	105,543	4,228	4,882	1,749	1,895
	27.56	19.65	0.752	0.559	28.23	96.07	7.11	12.29	41.83	772.9	78.7	90.9	393.3	426.0
ZZ44-700	700	500.2	20.1	15.2	191.98	150.71	2.17	274.3	215.3	110,719	4,427	5,086	1,832	1,984
	27.56	19.69	0.791	0.598	29.76	101.28	7.11	12.96	44.10	810.8	82.4	94.6	411.8	446.1
ZZ46-700	700	501.2	21.1	16.2	201.87	158.47	2.17	288.4	226.4	115,900	4,625	5,331	1,913	2,073
	27.56	19.73	0.831	0.638	31.29	106.50	7.11	13.62	46.37	848.7	86.0	99.2	430.2	466.0
ZZ48-700	700	503.2	22.1	15	202.53	159.0	2.17	289.3	227.1	120,144	4,775	5,513	1,975	2,140
	27.56	19.81	0.870	0.591	31.39	106.84	7.11	13.67	46.52	879.8	88.8	102.6	444.1	481.1
ZZ50-700	700	504.2	23.1	16	211.96	166.39	2.17	302.8	237.7	125,048	4,960	5,699	2,052	2,223
	27.56	19.85	0.909	0.630	32.85	111.82	7.11	14.30	48.69	915.7	92.3	106.0	461.4	499.8
ZZ52-700	700	505.2	24.1	17	221.39	173.79	2.17	316.3	248.3	129,958	5,145	5,930	2,128	2,306
	27.56	19.89	0.949	0.669	34.32	116.80	7.11	14.94	50.86	951.7	95.7	110.4	478.5	518.4

Indicates standard stock section. Please contact your local sales representative for available inventory.