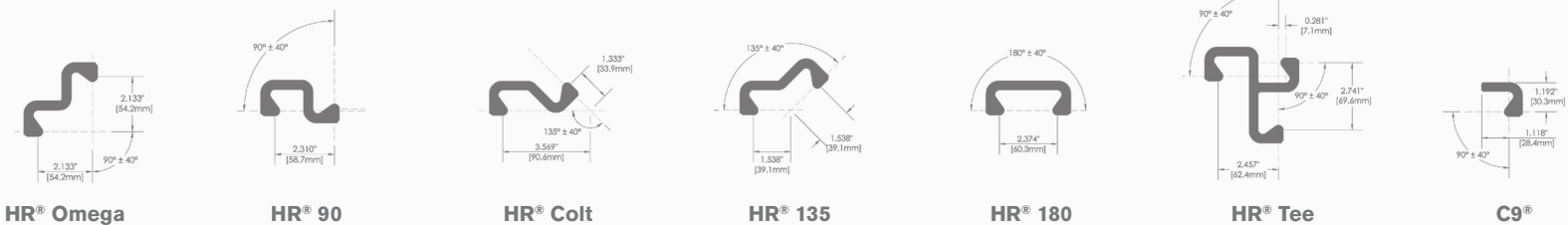


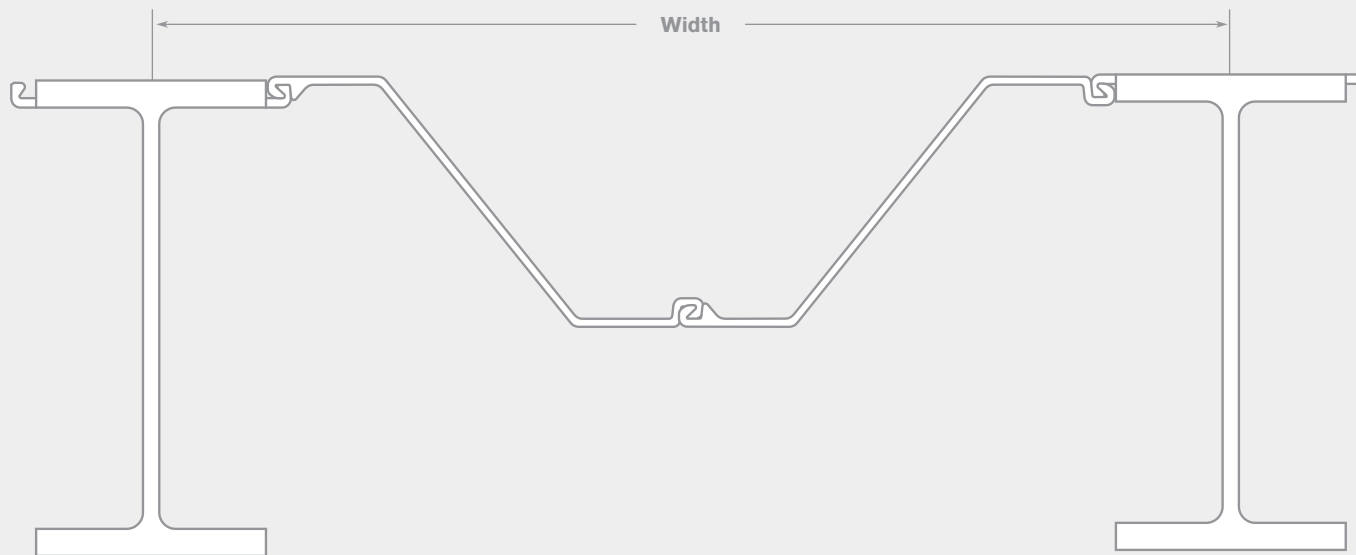


PilePro[®] Sheet Pile Connectors



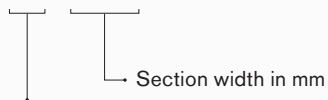


Configuration B4



SECTION NAME:

69 - 2740



Section width in mm

Section modulus (elastic) in $\text{cm}^3/\text{m} \div 100$

These are examples from a large variety of possible IZ[®] solutions.

Please configure your own system on sheet-pile.com/iz

Sheet Pile LLC is the owner and assignee of numerous patents and IP, that may be related to this sheet pile solution.

Section	Solution Type	Section Modulus	Width	Weight at Ratio			Moment of Inertia	Coating Area	Diameter	Configuration
				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
27-1629	IZ®	50.9	64.1	24.7	29	33.3	604	19.16	W24X62	B4
		2735.9	1629	120.4	141.5	162.7	82488.4	5.84	W610X92	
27-1642	IZ®	51	64.6	24.1	28.4	32.7	465	18.41	W18X60	B4
		2742.8	1642	117.5	138.5	159.5	63496.2	5.61	W460X89	
28-1659	IZ®	51.1	65.3	24.2	28.5	32.7	536.5	19.09	W21X62	B4
		2749.1	1659	118.2	139	159.8	73263.5	5.82	W530X92	
28-1643	IZ®	52.5	64.7	24.9	29.2	33.5	481.4	18.44	W18X65	B4
		2821.6	1643	121.7	142.7	163.7	65744.3	5.62	W460X97	
29-1660	IZ®	53.4	65.4	25.3	29.5	33.8	564.4	19.13	W21X68	B4
		2870.4	1660	123.3	144.1	164.9	77069.6	5.83	W530X101	
29-1678	IZ®	53.4	66.1	25	29.2	33.4	634.4	19.82	W24X68	B4
		2873.6	1678	122	142.6	163.1	86637.8	6.04	W610X101	
29-1644	IZ®	54.2	64.7	26.1	30.4	34.7	500.1	18.47	W18X71	B4
		2912.2	1644	127.4	148.4	169.3	68291.9	5.63	W460X106	
30-1730	IZ®	55.2	68.1	25.6	29.7	33.8	503.2	19.55	W18X76	B4
		2968.2	1730	125.1	145.1	165	68713.9	5.96	W460X113	
30-1661	IZ®	55.2	65.4	26.2	30.5	34.7	586.2	19.16	W21X73	B4
		2970.3	1661	128	148.7	169.5	80048.5	5.84	W530X109	
31-1678	IZ®	57.2	66.1	26.4	30.6	34.8	684.3	19.85	W24X76	B4
		3073.9	1678	129	149.6	170.1	93445.3	6.05	W610X113	
31-1732	IZ®	58.4	68.2	27.4	31.4	35.5	537.1	19.62	W18X86	B4
		3141.2	1732	133.6	153.5	173.4	73346.4	5.98	W460X128	
32-1662	IZ®	58.7	65.4	27.9	32.2	36.4	628.6	19.19	W21X83	B4
		3156	1662	136.4	157.1	177.9	85842	5.85	W530X123	
32-1713	IZ®	59.6	67.4	28.4	32.5	36.7	498.5	19.09	W16X89	B4
		3203.6	1713	138.8	158.9	179	68076.7	5.82	W410X132	
33-1679	IZ®	60.8	66.1	27.8	32.1	36.3	732.6	19.88	W24X84	B4
		3269.6	1679	136	156.5	177	100048.7	6.06	W610X125	

* Length of the intermediate section as percent of the outer section length(s), intermediate sheet pile length is typically 60% to 80% of the length of the outer sections or IZ®.

Section	Solution Type	Section Modulus	Width	Weight at Ratio			Moment of Inertia	Coating Area	Diameter	Configuration
				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
33-1703	IZ [®]	61.5	67	27.5	31.7	35.8	821.2	20.6	W27X84	B4
		3307.8	1703	134.5	154.7	175	112135.6	6.28	W690X125	
33-1733	IZ [®]	62	68.2	29.3	33.4	37.4	575.6	19.65	W18X97	B4
		3330.8	1733	143	162.9	182.8	78606.9	5.99	W460X144	
33-1664	IZ [®]	62.2	65.5	29.7	34	38.2	671.9	19.23	W21X93	B4
		3342.6	1664	145.2	165.9	186.6	91754	5.86	W530X138	
34-1715	IZ [®]	62.7	67.5	30.4	34.5	38.6	531.7	19.13	W16X100	B4
		3369.2	1715	148.2	168.3	188.4	72605.9	5.83	W410X149	
35-1734	IZ [®]	64.5	68.3	30.9	34.9	39	604.8	19.69	W18X106	B4
		3470	1734	150.7	170.5	190.4	82586.7	6	W460X158	
35-1762	IZ [®]	65.1	69.4	29.5	33.6	37.6	695.6	20.51	W21X101	B4
		3498.6	1762	144.3	163.8	183.4	94985.9	6.25	W530X150	
35-1680	IZ [®]	65.2	66.1	29.7	33.9	38.2	791.5	19.91	W24X94	B4
		3503.8	1680	145.2	165.7	186.3	108092.9	6.07	W610X140	
35-1714	IZ [®]	65.7	67.5	28.3	32.4	36.5	970	21.23	W30X90	B4
		3532.4	1714	138.2	158.3	178.5	132463.7	6.47	W760X134	
36-1704	IZ [®]	66.8	67.1	29.2	33.4	37.5	898.8	20.67	W27X94	B4
		3588.9	1704	142.7	162.9	183.2	122739.3	6.3	W690X140	
36-1901	IZ [®]	67.8	74.8	32.9	36.6	40.4	594.1	21.62	HP18x135	B4
		3644.1	1900.8	160.7	178.9	197	81128.4	6.59	HP360x202	
37-1774	IZ [®]	68.1	69.8	29.9	33.9	37.9	819.2	21.1	W24X104	B4
		3661.9	1774	145.9	165.4	184.8	111870.4	6.43	W610X155	
37-1763	IZ [®]	68.6	69.4	31.3	35.3	39.3	736.9	20.54	W21X111	B4
		3686.1	1763	152.6	172.2	191.7	100630.3	6.26	W530X165	
37-1736	IZ [®]	68.8	68.3	33.1	37.2	41.3	653	19.72	W18X119	B4
		3700.4	1736	161.8	181.6	201.5	89178.9	6.01	W460X177	
37-1679	IZ [®]	69.3	66.1	31.3	35.5	39.7	849.4	19.91	W24X103	B4
		3723.7	1679	152.8	173.3	193.9	115994	6.07	W610X153	

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Section	Solution Type	Section Modulus	Width	Weight at Ratio			Moment of Inertia	Coating Area	Diameter	Configuration
				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
38-1715	IZ [®]	70	67.5	30	34.1	38.2	1038.1	21.26	W30X99	B4
		3765.4	1715	146.4	166.5	186.6	141767.5	6.48	W760X147	
38-1704	IZ [®]	71.2	67.1	30.7	34.9	39	963.7	20.7	W27X102	B4
		3825.5	1704	150.1	170.3	190.6	131598.5	6.31	W690X152	
39-1765	IZ [®]	72.5	69.5	33	37	41.1	786.3	20.57	W21X122	B4
		3897.7	1765	161.4	180.9	200.4	107382	6.27	W530X182	
39-1733	IZ [®]	72.8	68.2	35.1	39.2	43.3	700.8	19.75	W18X130	B4
		3913.9	1733	171.6	191.5	211.4	95694.8	6.02	W460X193	
40-1904	IZ [®]	73.6	75	36.3	40	43.7	652.6	21.69	HP18x157	B4
		3959.2	1904	177.2	195.3	213.4	89120.5	6.61	HP360x234	
40-1775	IZ [®]	73.7	69.9	32	36	40	893.5	21.13	W24X117	B4
		3961.5	1775	156.5	175.9	195.3	122015.2	6.44	W610X174	
41-1716	IZ [®]	75.3	67.6	31.6	35.7	39.8	1123.6	21.29	W30X108	B4
		4048.4	1716	154.1	174.2	194.3	153432.9	6.49	W760X161	
41-1766	IZ [®]	76.3	69.5	34.8	38.8	42.8	831.7	20.6	W21X132	B4
		4100.2	1766	169.7	189.2	208.8	113576.3	6.28	W530X196	
41-1706	IZ [®]	76.6	67.2	32.8	36.9	41.1	1044.7	20.73	W27X114	B4
		4117.2	1706	160	180.2	200.5	142659.9	6.32	W690X170	
41-1735	IZ [®]	77.1	68.3	37.3	41.4	45.5	751.1	19.78	W18X143	B4
		4144	1735	182.2	202.1	222	102564.7	6.03	W460X213	
43-1777	IZ [®]	79.7	70	34.5	38.4	42.4	975.5	21.19	W24X131	B4
		4283.6	1777	168.2	187.6	207	133218.9	6.46	W610X195	
43-1717	IZ [®]	80.3	67.6	33	37.1	41.3	1204.4	21.33	W30X116	B4
		4316.7	1717	161.3	181.4	201.5	164468.1	6.5	W760X173	
43-1907	IZ [®]	80.5	75.1	40	43.7	47.5	724.2	21.75	HP18x181	B4
		4326	1907.2	195.5	213.6	231.7	98893.1	6.63	HP360x269	
44-1737	IZ [®]	81.7	68.4	39.9	43.9	48	805.5	19.85	W18X158	B4
		4390.9	1737	194.7	214.5	234.4	109992.8	6.05	W460X235	

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				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
44-1768	IZ®	81.8	69.6	37.4	41.4	45.3	901.7	20.67	W21X147	B4
		4397.8	1768	182.4	201.9	221.4	123137.6	6.3	W530X219	
45-1742	IZ®	83.9	68.6	32.8	36.9	40.9	1379.3	22.15	W33X118	B4
		4511.6	1742	160.3	180.1	199.9	188360	6.75	W840X176	
45-1704	IZ®	84.5	67.1	35.5	39.6	43.7	1167.3	20.77	W27X129	B4
		4541.5	1704	173.1	193.4	213.6	159407.9	6.33	W690X192	
46-1717	IZ®	85	67.6	34.3	38.5	42.6	1281.7	21.36	W30X124	B4
		4569.7	1717	167.7	187.8	207.9	175020.7	6.51	W760X185	
47-1778	IZ®	86.9	70	37	40.9	44.9	1074.4	21.26	W24X146	B4
		4672.5	1778	180.5	199.9	219.3	146715.2	6.48	W610X217	
47-1910	IZ®	87	75.2	43.8	47.5	51.2	796.8	21.82	HP18x204	B4
		4678	1910.4	213.7	231.8	249.8	108813.9	6.65	HP460x304	
47-1739	IZ®	87.5	68.5	42.8	46.8	50.9	876.8	19.91	W18X175	B4
		4704.6	1739	208.9	228.7	248.6	119732.4	6.07	W460X260	
48-1718	IZ®	89.3	67.6	35.8	39.9	44	1353.9	21.39	W30X132	B4
		4802.3	1718	174.9	195	215	184890.5	6.52	W760X196	
49-1765	IZ®	90.4	69.5	40.7	44.7	48.7	1016.3	20.67	W21X166	B4
		4861	1765	198.7	218.2	237.8	138782.6	6.3	W530X248	
49-1805	IZ®	91.8	71.1	36.5	40.4	44.3	1255.3	22.05	W27X146	B4
		4933.1	1805	178.2	197.3	216.4	171424.3	6.72	W690X217	
49-1742	IZ®	91.8	68.6	35	39	43.1	1518.6	22.18	W33X130	B4
		4937.7	1742	170.7	190.5	210.3	207382.8	6.76	W840X193	
51-1779	IZ®	93.9	70	39.7	43.7	47.7	1173.3	21.29	W24X162	B4
		5046.4	1779	194.1	213.4	232.8	160223.9	6.49	W610X241	
52-1768	IZ®	96.3	69.6	43.4	47.4	51.4	1093.8	20.73	W21X182	B4
		5177.3	1768	212.1	231.6	251.1	149364.5	6.32	W530X272	
52-1754	IZ®	96.7	69.1	35.5	39.6	43.6	1718.7	22.74	W36X135	B4
		5198.3	1754	173.6	193.2	212.9	234702.2	6.93	W920X201	

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				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
53-1806	IZ®	98.9	71.1	39.1	43	46.9	1364.8	22.08	W27X161	B4
		5317.6	1806	190.7	209.8	228.9	186381	6.73	W690X240	
53-1743	IZ®	99	68.6	36.9	40.9	45	1648.9	22.21	W33X141	B4
		5323.3	1743	180.1	199.8	219.6	225173.7	6.77	W840X210	
53-1716	IZ®	99	67.6	38.7	42.8	46.9	1518.8	21.42	W30X148	B4
		5324.9	1716	188.8	208.9	229	207404	6.53	W760X220	
54-1777	IZ®	100.3	70	42.1	46	50	1265.9	21.29	W24X176	B4
		5393.7	1777	205.3	224.7	244.1	172866.6	6.49	W610X262	
56-1769	IZ®	103.6	69.6	46.7	50.7	54.7	1193.3	20.8	W21X201	B4
		5570.9	1769	228	247.5	267	162950.1	6.34	W530X300	
56-1859	IZ®	104	73.2	57.8	61.6	65.4	870.4	20.87	W14X283	B4
		5593.7	1859	282.4	301	319.5	118865.2	6.36	W360X421	
57-1744	IZ®	105.9	68.7	38.8	42.8	46.9	1774.7	22.28	W33X152	B4
		5695.5	1744	189.4	209.2	228.9	242344.8	6.79	W840X226	
57-1808	IZ®	106.6	71.2	41.9	45.8	49.7	1481.3	22.15	W27X178	B4
		5730.3	1808	204.4	223.5	242.6	202280.5	6.75	W690X265	
57-1779	IZ®	106.8	70	44.7	48.7	52.7	1359.7	21.36	W24X192	B4
		5739.7	1779	218.3	237.7	257.1	185680.4	6.51	W610X285	
58-1754	IZ®	107.8	69.1	38.2	42.2	46.3	1932.9	22.8	W36X150	B4
		5794.7	1754	186.5	206.2	225.9	263948.5	6.95	W920X223	
59-1750	IZ®	109.5	68.9	38.1	42.1	46.2	2090.2	23.13	W40X149	B4
		5885.3	1750	186.1	205.8	225.5	285437.5	7.05	W1000X222	
60-1831	IZ®	110.6	72.1	40.5	44.3	48.2	1682.6	22.9	W30X173	B4
		5945	1831	197.6	216.4	235.2	229775.8	6.98	W760X257	
60-1862	IZ®	110.7	73.3	62.3	66.1	69.9	948.3	20.96	W14X311	B4
		5954	1862	304.3	322.8	341.3	129498.8	6.39	W360X463	
60-1790	IZ®	111.6	70.5	69.1	73	76.9	938.4	19.88	W12X336	B4
		6002	1790	337.1	356.4	375.7	128142.4	6.06	W310X500	

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				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
61-1780	IZ [®]	113.5	70.1	47.3	51.3	55.2	1458.3	21.39	W24X207	B4
		6099.5	1780	231	250.4	269.7	199147.4	6.52	W610X307	
61-1755	IZ [®]	114.2	69.1	39.9	43.9	48	2057.5	22.83	W36X160	B4
		6141.5	1755	194.9	214.6	234.2	280973.3	6.96	W920X238	
62-1806	IZ [®]	115.7	71.1	44.6	48.5	52.4	1625.8	22.15	W27X194	B4
		6218.8	1806	217.7	236.8	255.9	222010.8	6.75	W690X289	
63-1742	IZ [®]	116.8	68.6	41.6	45.7	49.7	1975.3	22.28	W33X169	B4
		6280.5	1742	203.1	222.9	242.7	269748.1	6.79	W840X251	
64-1866	IZ [®]	118.6	73.5	67.3	71.1	74.8	1041.1	21.06	W14X342	B4
		6375.6	1866	328.5	346.9	365.4	142176.1	6.42	W360X509	
65-1832	IZ [®]	120.1	72.1	43.4	47.3	51.1	1842.3	22.93	W30X191	B4
		6459.1	1832	212	230.8	249.7	251582.6	6.99	W760X284	
65-1756	IZ [®]	120.8	69.1	41.6	45.7	49.7	2186.2	22.87	W36X170	B4
		6497.2	1756	203.3	222.9	242.6	298548.4	6.97	W920X253	
66-1783	IZ [®]	122.7	70.2	51	55	58.9	1596.3	21.49	W24X229	B4
		6595.8	1783	249.1	268.4	287.8	217992	6.55	W610X341	
67-1750	IZ [®]	124.5	68.9	41.2	45.3	49.3	2401.5	23.2	W40X167	B4
		6692.8	1750	201.3	221	240.7	327945.6	7.07	W1000X249	
68-1868	IZ [®]	126.2	73.5	71.8	75.5	79.3	1130.7	21.13	W14X370	B4
		6787	1868	350.4	368.8	387.3	154404.4	6.44	W360X551	
68-1809	IZ [®]	126.8	71.2	48.4	52.3	56.2	1802	22.24	W27X217	B4
		6816.7	1809	236.4	255.5	274.5	246083.3	6.78	W690X323	
69-1757	IZ [®]	128.1	69.2	43.7	47.7	51.8	2327.3	22.9	W36X182	B4
		6886.4	1757	213.5	233.1	252.7	317807	6.98	W920X271	
70-1834	IZ [®]	130.6	72.2	46.7	50.6	54.4	2020.9	23	W30X211	B4
		7022	1834	228	246.8	265.7	275966.3	7.01	W760X314	
71-1785	IZ [®]	132	70.3	54.6	58.5	62.5	1738.9	21.56	W24X250	B4
		7099.1	1785	266.4	285.7	305	237464.1	6.57	W610X372	

* Length of the intermediate section as percent of the outer section length(s), intermediate sheet pile length is typically 60% to 80% of the length of the outer sections or IZ[®].

Section	Solution Type	Section Modulus	Width	Weight at Ratio			Moment of Inertia	Coating Area	Diameter	Configuration
				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
71-1850	IZ®	132.6	72.8	44.7	48.5	52.3	2231.5	23.65	W33X201	B4
		7128.2	1850	218	236.7	255.3	304732.6	7.21	W840X299	
72-1871	IZ®	133.2	73.7	76.2	80	83.8	1219.5	21.19	W14X398	B4
		7162.9	1871	372.1	390.5	408.9	166538.3	6.46	W360X592	
73-1758	IZ®	135	69.2	45.7	49.7	53.7	2464	22.93	W36X194	B4
		7259.5	1758	223.2	242.8	262.4	336479.1	6.99	W920X289	
73-1810	IZ®	135	71.3	51.5	55.4	59.3	1935.3	22.28	W27X235	B4
		7260.3	1810	251.5	270.5	289.6	264276.6	6.79	W690X350	
75-1750	IZ®	138.8	68.9	44	48	52.1	2704.4	23.26	W40X183	B4
		7460.8	1750	214.8	234.5	254.2	369307.7	7.09	W1000X272	
76-1874	IZ®	141	73.8	80.6	84.4	88.2	1315.8	21.29	W14X426	B4
		7581.6	1874	393.7	412.1	430.5	179683.1	6.49	W360X634	
77-1788	IZ®	144.1	70.4	59.4	63.4	67.3	1925.4	21.62	W24X279	B4
		7744.6	1788	290.1	309.4	328.7	262929.8	6.59	W610X415	
78-1851	IZ®	144.3	72.9	47.9	51.7	55.6	2448.9	23.72	W33X221	B4
		7759.1	1851	234	252.6	271.3	334417.9	7.23	W840X329	
78-1832	IZ®	144.4	72.1	50.7	54.6	58.4	2259.9	23.03	W30X235	B4
		7763.9	1832	247.6	266.4	285.2	308614.8	7.02	W760X350	
78-1759	IZ®	144.5	69.3	48.5	52.5	56.5	2650.7	22.97	W36X210	B4
		7767.7	1759	236.9	256.5	276.1	361972.7	7	W920X313	
78-1850	IZ®	145.8	72.8	44.2	48	51.9	2818.2	24.51	W40X199	B4
		7838.1	1850	215.9	234.5	253.2	384850.7	7.47	W1000X296	
79-1812	IZ®	146	71.3	55.2	59.1	63	2115.9	22.34	W27X258	B4
		7851.6	1812	269.4	288.4	307.4	288938.3	6.81	W690X384	
80-1878	IZ®	148	73.9	85.2	88.9	92.7	1407.1	21.39	W14X455	B4
		7956.9	1878	415.8	434.2	452.5	192158.4	6.52	W360X677	
84-1868	IZ®	155.4	73.5	48.9	52.7	56.4	2789	24.28	W36X230	B4
		8352.4	1868	238.6	257.1	275.5	380868.7	7.4	W920X342	

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Section	Solution Type	Section Modulus	Width	Weight at Ratio			Moment of Inertia	Coating Area	Diameter	Configuration
				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
84-1790	IZ [®]	155.8	70.5	63.8	67.8	71.7	2112.5	21.69	W24X306	B4
		8373.9	1790	311.7	331	350.2	288480.7	6.61	W610X455	
84-1853	IZ [®]	155.9	73	51.2	55	58.8	2664.3	23.79	W33X241	B4
		8383.4	1853	249.9	268.5	287.1	363839.2	7.25	W840X359	
84-1750	IZ [®]	156.6	68.9	48.9	52.9	56.9	3082.6	23.29	W40X211	B4
		8419.2	1750	238.5	258.2	278	420961	7.1	W1000X314	
85-1814	IZ [®]	157.3	71.4	59.1	63	66.9	2304.1	22.41	W27X281	B4
		8458.4	1814	288.5	307.6	326.6	314651.9	6.83	W690X419	
85-1835	IZ [®]	157.4	72.2	55	58.9	62.7	2488.7	23.1	W30X261	B4
		8464.7	1835	268.6	287.4	306.1	339857.3	7.04	W760X389	
86-1758	IZ [®]	160	69.2	52.2	56.2	60.2	2970.4	23	W36X232	B4
		8603.2	1758	254.9	274.5	294.1	405639.6	7.01	W920X345	
86-1850	IZ [®]	160.3	72.8	47	50.8	54.6	3124.2	24.57	W40X215	B4
		8619	1850	229.5	248.1	266.7	426642.4	7.49	W1000X321	
86-1882	IZ [®]	160.4	74.1	92.2	96	99.8	1572.4	21.49	W14X500	B4
		8623.7	1882	450.4	468.7	487	214729.3	6.55	W360X744	
89-1869	IZ [®]	164.8	73.6	51.3	55.1	58.9	2972.2	24.31	W36X245	B4
		8861.9	1869	250.7	269.1	287.6	405876.3	7.41	W920X365	
90-1793	IZ [®]	168.2	70.6	68.8	72.7	76.6	2314.2	21.78	W24X335	B4
		9042.1	1793	335.7	354.9	374.2	316023.1	6.64	W610X498	
91-1817	IZ [®]	169.1	71.5	63.2	67.1	71	2502.7	22.47	W27X307	B4
		9089.6	1817	308.8	327.8	346.8	341770.2	6.85	W690X457	
92-1851	IZ [®]	170.4	72.9	54.9	58.7	62.5	2941.4	23.79	W33X263	B4
		9160.3	1851	267.9	286.6	305.2	401679.5	7.25	W840X392	
92-1752	IZ [®]	171.9	69	52.9	57	61	3410.6	23.36	W40X235	B4
		9241	1752	258.4	278.1	297.8	465744.2	7.12	W1000X350	
94-1870	IZ [®]	174	73.6	53.7	57.5	61.3	3155.4	24.34	W36X260	B4
		9357.1	1870	262.3	280.7	299.2	430895.2	7.42	W920X387	

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Section	Solution Type	Section Modulus	Width	Weight at Ratio			Moment of Inertia	Coating Area	Diameter	Configuration
				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
94-1837	IZ®	174.1	72.3	60	63.9	67.7	2786.2	23.16	W30X292	B4
		9359.9	1837	293.1	311.8	330.6	380478	7.06	W760X434	
94-1887	IZ®	174.3	74.3	99.8	103.6	107.3	1763.3	21.65	W14X550	B4
		9369.5	1887	487.5	505.7	524	240796.1	6.6	W360X818	
94-1760	IZ®	174.6	69.3	56.4	60.4	64.5	3267.8	23.06	W36X256	B4
		9384.9	1760	275.5	295.1	314.7	446252.7	7.03	W920X381	
96-1850	IZ®	178.5	72.8	49.4	53.2	57.1	3829.2	25.2	W44X230	B4
		9594.7	1850	241.3	260	278.6	522908.4	7.68	W1100X343	
98-1850	IZ®	182.3	72.8	52.6	56.4	60.2	3588.9	24.61	W40X249	B4
		9801.8	1850	256.6	275.3	293.9	490089.9	7.5	W1000X371	
98-1820	IZ®	183	71.7	68	71.9	75.8	2745.2	22.57	W27X336	B4
		9839.5	1820	332	351	369.9	374884.1	6.88	W690X500	
99-1797	IZ®	183.1	70.7	74.6	78.5	82.5	2562.9	21.88	W24X370	B4
		9845	1797	364.2	383.4	402.6	349989.9	6.67	W610X551	
100-1854	IZ®	186.1	73	59.4	63.2	67	3241.9	23.88	W33X291	B4
		10004.7	1854	289.9	308.5	327.1	442706.5	7.28	W840X433	
101-1872	IZ®	186.9	73.7	57	60.8	64.6	3415.1	24.41	W36X280	B4
		10051	1872	278.3	296.8	315.2	466365.9	7.44	W920X417	
101-1753	IZ®	188.3	69	57.9	62	66	3765	23.43	W40X264	B4
		10121	1753	282.9	302.6	322.3	514148.8	7.14	W1000X393	
102-1892	IZ®	190.2	74.5	108.9	112.7	116.4	1988.1	21.78	W14X605	B4
		10225.5	1892	531.8	550	568.3	271486.4	6.64	W360X900	
103-1840	IZ®	191.2	72.4	65.5	69.4	73.2	3097.2	23.26	W30X326	B4
		10278.4	1840	319.9	338.6	357.4	422956.6	7.09	W760X484	
106-1754	IZ®	196.6	69.1	60.5	64.5	68.5	3947.2	23.43	W40X278	B4
		10569.1	1754	295.3	314.9	334.6	539025.7	7.14	W1000X415	
106-1822	IZ®	198	71.7	73.3	77.2	81.1	3008.6	22.64	W27X368	B4
		10643.8	1822	357.9	376.9	395.8	410848.9	6.9	W690X548	

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Section	Solution Type	Section Modulus	Width	Weight at Ratio			Moment of Inertia	Coating Area	Diameter	Configuration
				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
107-1873	IZ®	198.9	73.7	60.2	64	67.8	3652.4	24.44	W36X300	B4
		10691.7	1873	294.1	312.5	330.9	498768.7	7.45	W920X446	
108-1852	IZ®	200.1	72.9	57	60.8	64.6	3969.8	24.67	W40X277	B4
		10756.1	1852	278.4	297	315.6	542107.9	7.52	W1000X412	
108-1856	IZ®	201.6	73.1	63.7	67.5	71.3	3543.2	23.95	W33X318	B4
		10836.7	1856	311.2	329.8	348.4	483858.6	7.3	W840X473	
109-1850	IZ®	203.1	72.8	54.7	58.6	62.4	4396.9	25.26	W44X262	B4
		10916.9	1850	267.2	285.9	304.5	600431.2	7.7	W1100X390	
111-1898	IZ®	207	74.7	117.9	121.6	125.3	2241.6	21.95	W14X665	B4
		11131.3	1898	575.6	593.8	612	306110.2	6.69	W360X990	
112-1843	IZ®	207.6	72.6	70.6	74.4	78.2	3403.4	23.36	W30X357	B4
		11158.8	1843	344.5	363.2	381.9	464765.4	7.12	W760X531	
113-1852	IZ®	210.4	72.9	60.4	64.2	68	4191.8	24.67	W40X297	B4
		11312.9	1852	294.9	313.5	332.2	572433.6	7.52	W1000X443	
116-1872	IZ®	215.9	73.7	64.7	68.5	72.3	4003.8	24.48	W36X328	B4
		11608.4	1872	316.1	334.5	352.9	546757.6	7.46	W920X488	
119-1859	IZ®	221.5	73.2	69.5	73.3	77.1	3936.7	24.02	W33X354	B4
		11906.7	1859	339.4	358	376.5	537587.2	7.32	W840X527	
120-1852	IZ®	223.2	72.9	59.4	63.3	67.1	4868	25.33	W44X290	B4
		11999.3	1852	290.3	308.9	327.5	664762.2	7.72	W1100X433	
121-1846	IZ®	224.9	72.7	76.2	80	83.8	3732.3	23.43	W30X391	B4
		12092	1846	372	390.7	409.4	509679.7	7.14	W760X582	
122-1904	IZ®	226.7	75	127.7	131.4	135.1	2539.6	22.11	W14X730	B4
		12189.9	1904	623.3	641.4	659.5	346803.8	6.74	W360X1086	
122-1758	IZ®	227.6	69.2	68.7	72.7	76.7	4640.6	23.56	W40X327	B4
		12233.9	1758	335.2	354.9	374.5	633714.9	7.18	W1000X486	
123-1854	IZ®	228.9	73	64.8	68.6	72.4	4595.3	24.77	W40X324	B4
		12304.6	1854	316.2	334.8	353.4	627535.7	7.55	W1000X483	

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				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
123-1759	IZ®	229.5	69.3	69.5	73.6	77.6	4679.6	23.59	W40X331	B4
		12336.8	1759	339.5	359.1	378.7	639044.1	7.19	W1000X494	
126-1875	IZ®	233.4	73.8	69.6	73.4	77.1	4365.6	24.54	W36X359	B4
		12550.9	1875	339.9	358.3	376.6	596165.8	7.48	W920X534	
129-1861	IZ®	239.7	73.3	74.9	78.7	82.5	4307.7	24.11	W33X387	B4
		12886.1	1861	365.6	384.2	402.7	588248.3	7.35	W840X576	
131-1921	IZ®	243.2	75.6	139.1	142.8	146.4	2777.2	22.28	W14X808	B4
		13077.4	1921	679.1	697	715	379244.9	6.79	W360X1202	
134-1855	IZ®	249.6	73	66.4	70.2	74	5493.4	25.39	W44X335	B4
		13420	1855	324.1	342.7	361.2	750176.5	7.74	W1100X499	
135-1857	IZ®	251.6	73.1	70.9	74.7	78.5	5102.1	24.84	W40X362	B4
		13528.8	1857	346.1	364.7	383.3	696733.9	7.57	W1000X539	
136-1877	IZ®	253.6	73.9	75.2	79	82.7	4791.6	24.64	W36X393	B4
		13632	1877	367.1	385.5	403.9	654335	7.51	W920X585	
138-1858	IZ®	256.8	73.1	72.5	76.3	80.1	5217.9	24.87	W40X372	B4
		13809.1	1858	354	372.5	391.1	712547.6	7.58	W1000X554	
144-1764	IZ®	268.6	69.4	79.8	83.8	87.8	5582.9	23.75	W40X392	B4
		14439.4	1764	389.7	409.3	428.8	762398.1	7.24	W1000X584	
147-1859	IZ®	274	73.2	76.5	80.3	84.1	5610.3	24.9	W40X397	B4
		14733.4	1859	373.6	392.2	410.7	766134.6	7.59	W1000X591	
150-1837	IZ®	278.8	72.3	100.8	104.7	108.5	4533	23.1	W27X539	B4
		14988.3	1837	492.2	511	529.7	619018.6	7.04	W690X802	
151-1881	IZ®	280.5	74.1	82.4	86.1	89.9	5367	24.74	W36X439	B4
		15080.6	1881	402.2	420.5	438.9	732916.5	7.54	W920X653	
158-1862	IZ®	294.4	73.3	82	85.8	89.6	6074.4	25	W40X431	B4
		15830.5	1862	400.4	418.9	437.5	829516.9	7.62	W1000X642	
179-1887	IZ®	332.4	74.3	96.3	100	103.7	6517.6	24.93	W36X527	B4
		17872.3	1887	470	488.3	506.5	890039.7	7.6	W920X784	

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Section	Solution Type	Section Modulus	Width	Weight at Ratio			Moment of Inertia	Coating Area	Diameter	Configuration
				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
183-1867	IZ [®]	340.5	73.5	93.6	97.4	101.2	7159.5	25.16	W40X503	B4
		18308.7	1867	456.9	475.4	493.9	977686.6	7.67	W1000X748	
215-1874	IZ [®]	399.3	73.8	108.3	112	115.8	8582.3	25.36	W40X593	B4
		21465.1	1874	528.5	546.9	565.4	1171993.2	7.73	W1000X883	
218-1896	IZ [®]	404.8	74.6	115.5	119.2	122.9	8190.7	25.2	W36X650	B4
		21760.9	1896	563.8	582	600.2	1118511.8	7.68	W920X967	
266-1907	IZ [®]	494.5	75.1	138.4	142.1	145.8	10376.2	25.52	W36X798	B4
		26584.5	1907	675.8	693.9	712	1416955.8	7.78	W920X1188	

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Specifications

When using steel sheet pile, it is necessary to make allowances for deviations from theoretical exactness. The degree of precision obtainable in the production of sheet pile is limited by the basic character of the rolling processes and normal limitations of mill equipment. Care must be taken during installation to assure that each element is being set at the desired driving dimension.

- Dimensions typically shown are nominal.
- Actual thicknesses vary due to mill rolling practices; however, permitted variations for such dimensions are not addressed.
- Interlocks should be reasonably free-sliding when threaded.
- Terms, tolerance, dimensions, and delivery conditions are in accordance with EN 10248 and/or ASTM A6.
- Welding is in accordance with AWS D1.1.

	AMERICAN ASTM A 6		EUROPEAN EN 10248
Mass	5%	-2.5%	± 5%
Length	+ 5in.	-0 in.	± 200mm
Height			± 7mm
Thickness			± 0.5mm for ≤ 8.5mm ± 6% for > 8.5mm
Width Interlocked			± 3%
Straightness			0.2% of the length
Ends ou of Square			2% of the width

Available Steel Grades

AMERICAN			CANADIAN			EUROPEAN		
ASTM	YIELD STRENGTH		CSA G40.21	YIELD STRENGTH		EN 10248	YIELD STRENGTH	
	(ksi)	(MPa)		(ksi)	(MPa)		(ksi)	(MPa)
A 328	39	270	Grade 260 W	38	260	S 240 GP	35	240
A 572 Grade 42	42	290	Grade 300 W	44	300	S 270 GP	39	270
A 572 Grade 50	50	345	Grade 355 W	50	350	S 320 GP	46	320
A 572 Grade 55	55	380	Grade 400 W	58	400	S 355 GP	51	355
A 572 Grade 60	60	415				S 390 GP	57	390
A 572 Grade 65*	65	450				S 430 GP	62	430
A 588 Grade 50	50	345				S 450 GP*	65	450
API 5L x70	70	485						
ASTM A 690 MARINER®	50	345						

ENGINEERING DISCLAIMER

This publication contains information on the properties of hot-rolled sheet pile based on accepted engineering practices related to sheet pile products and projects. The use of the data contained herein must be supplemented with qualified professional judgment.

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Toll free: 866.666.7453 | +1 512.243.1228 | info@sheet-pile.com | sheet-pile.com

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