



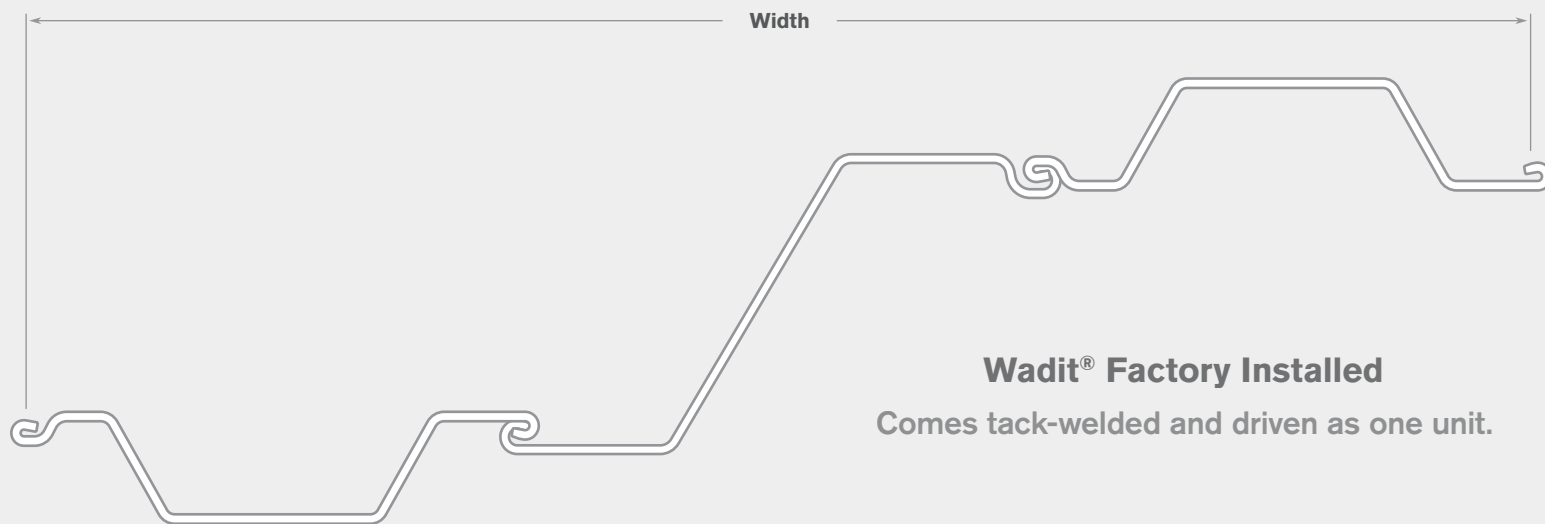
-Pile CF[®]

sheet-pile.com/z-pile



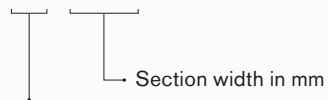


Configuration A



SECTION NAME:

18 - 2146



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

These are examples from a large variety of possible Z-Pile solutions.

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

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	Width	Depth	Web Thickness	Flange Thickness	Per Panel Section						Per Unit of Wall			Configuration
						Cross Section Area	Panel Weight	Panel Moment of Inertia	Panel Section Modulus	Coating Area	Coating Area Waterside	Weight	Moment of Intertia	Section Modulus	
		in (mm)	in (mm)	in (mm)	in (mm)	in ² (cm ²)	lb/ft (kg/m)	in ⁴ (cm ⁴)	in ³ (cm ³)	ft ² /ft (m ² /m)	ft ² /ft (m ² /m)	lb/ft ² (kg/m ²)	in ⁴ /ft (cm ⁴ /m)	in ³ /ft (cm ³ /m)	
16-2146	Z	84.5	24.4	0.31	0.31	35.55	121	2508.8	208.5	18.64	9.32	17.2	356.3	29.6	A
		2146.0	621.0	8.0	8.0	229.36	180.0	104425.4	3415.9	5.68	2.84	83.9	48660.5	1591.8	
18-2146	Z	84.5	24.5	0.31	0.31	39.11	133.1	2856.5	236.1	18.64	9.32	18.9	405.7	33.5	A
		2146.0	622.0	8.0	8.0	252.33	198.1	118896.9	3868.6	5.68	2.84	92.3	55404.0	1802.7	
19-2146	Z	84.5	24.5	0.33	0.33	40.7	138.5	2976.4	245.5	18.64	9.32	19.7	422.7	34.9	A
		2146.0	622.0	8.3	8.3	262.6	206.1	123885.5	4022.3	5.68	2.84	96.1	57728.6	1874.3	
20-2146	Z	84.5	24.5	0.34	0.34	42.65	145.1	3118.9	257.2	18.64	9.32	20.6	443.0	36.5	A
		2146.0	622.0	8.7	8.7	275.13	216.0	129819.3	4214.9	5.68	2.84	100.6	60493.6	1964.1	

Section	Solution Type	Bending Moment									Configuration
		g50	g55	g60	g65	S 270 GP	S 355 GP	S 390 GP	S 430 GP	S 460 GP	
		k-ft/ft (kN-m/m)	k-ft/ft (kN-m/m)	k-ft/ft (kN-m/m)	k-ft/ft (kN-m/m)	k-ft/ft (kN-m/m)	k-ft/ft (kN-m/m)	k-ft/ft (kN-m/m)	k-ft/ft (kN-m/m)	k-ft/ft (kN-m/m)	
16-2146	Z	123.4	136	148	160.4	96.6	127	139.6	153.9	164.6	A
		548.7	604.9	658.5	713.4	429.8	565.1	620.8	684.5	732.2	
18-2146	Z	139.7	154	167.7	181.6	109.4	143.9	158.1	174.3	186.4	A
		621.5	685	745.7	807.9	486.7	640	703.1	775.2	829.2	
19-2146	Z	145.3	160.1	174.3	188.8	113.8	149.6	164.3	181.2	193.8	A
		646.1	712.2	775.4	840	506.1	665.4	731	806	862.2	
20-2146	Z	152.2	167.8	182.7	197.9	119.2	156.7	172.2	189.9	203.1	A
		677.1	746.3	812.5	880.2	530.3	697.2	766	844.6	903.5	