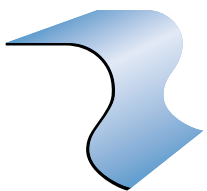


Interlocking Steel Sheet Piling



BIG R Manufacturing LLC

Big R sheet piling, available in a variety of different gauges, weights and lengths, is roll-formed with a continuous, positive interlock. In black or galvanized steel, our product can be used as marine retaining walls to prevent shoreline erosion, as irrigation weirs, as bridge abutments, culvert headwalls, and toewalls for culverts or concrete boxes. It can be installed in a wide variety of soil conditions and has the largest section modulus available for comparable lightweight piling, making it stronger and easier to drive — quickly and affordably.

Availability

Big R steel sheet piling is available in 12, 10, 8, and 7 gauges in lengths to 50 feet. The piling is roll-formed with a continuous, positive interlock. After interlocking, the net laying width is 1' 7 5/8" or 1.64'. Fabricated corners are available.

Big R steel sheet piling is available in black, Aluminized Type II, or galvanized steel. If the latter is specified, it is available from pre-galvanized coil or can be furnished with hot dipped galvanizing.

Big R can also furnish other items required in retaining wall installations such as deadman anchors, tie rods, fasteners, angle caps, and rub rails.

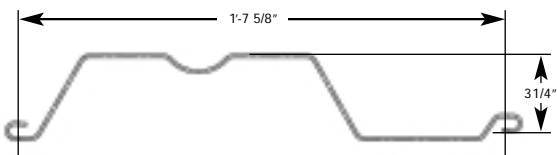
- 1 Big R sheet piling protects valuable real estate.
- 2 Marine retaining wall will eliminate shoreline erosion on this project in Nebraska.
- 3 A South Dakota developer was able to increase waterfront area for this project adjacent to the Missouri River with sheet piling marine walls.
- 4 Colorado County uses galvanized steel sheet piling in bridge abutments.



USED FOR

- Trench Shoring
- Bridge Head and Wingwalls
- Irrigation Weirs
- Toewalls or Cut-off Walls for Culverts or Concrete Boxes
- Marine Retaining Walls and Levee Stabilization
- Lagoon Baffle Walls
- Culvert Headwalls
- Diversion Structures

STEEL SHEET PILING PROFILE

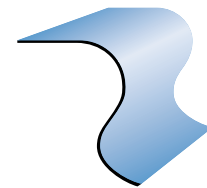


Physical Properties

Thickness Gauge	Inches	Weight	
		lb./lin. ft. of pile	lb./sq.ft. of wall
7	0.1793	16.3	10.1
8	0.1644	14.9	9.3
10	0.1345	12.2	7.6
12	0.1046	9.5	5.9

Section Properties

Gauge	Section Modulus (in. ³)		Moment of Inertia (in. ⁴)	
	per section	per ft.	per section	per ft.
7	4.99	3.10	8.59	5.34
8	4.60	2.86	7.88	4.89
10	3.79	2.36	6.44	4.00
12	2.89	1.80	4.90	3.05



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Bridging solutions

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