



Steel Sheet Piling

Armtec’s steel sheet piling is a versatile building material typically used for shore protection, headwalls and cut-off walls, as well as trench shoring. Interlocking seams at each vertical edge allow adjacent parts to be mechanically joined to make continuous walls.

Steel sheet piling is attractive, quickly installed and economical. Although lightweight, its unique profile gives it a high degree of stiffness and an exceptional strength-to-weight ratio.

TYPICAL APPLICATIONS

- Trench shoring
- Culvert headwalls
- Culvert cut-off walls
- Freshwater shore protection
- Freshwater docks
- Loading ramps

Unique profile

Metal-to-metal interlocking design retains soil and water, and provides superior strength and versatility.

Handling ease and drivability

Easily driven into the ground with a backhoe.

Nestable pieces

Reduces storage and shipping costs.

Selection

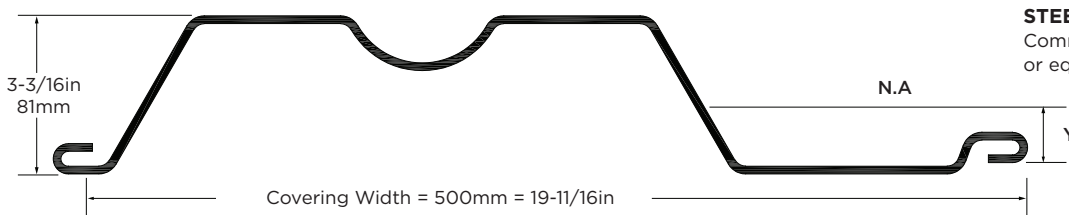
Available in 10 gauge (3.5mm) and 8 gauge (4.2mm) in lengths up to 40 feet (12m), in black and galvanized steel. Standard lengths are available for immediate delivery.

SECTION PROPERTIES

Gauge	Thickness mm (in)	Area for section width mm ² (in ²)	Y mm (in)	Moment of inertia per section width* mm ⁴ (in ⁴)	Minimum section modulus per section width* mm ³ (in ³)	Minimum section modulus per unit length of wall mm ³ /mm (in ³ /ft)	Weight (fascial area) kg/m ² (lb/ft ²)
10	3.5 (.1345)	2375 (3.6815)	42.4 (1.6703)	2.57 x 10 ⁶ (6.1735)	6.06 x 10 ⁴ (3.6960)	121.1 (2.2531)	38.2 (7.82)
8	4.2 (.1644)	2905 (4.5029)	42.8 (1.6857)	3.15 x 10 ⁶ (7.5733)	7.36 x 10 ⁴ (4.4928)	147.2 (2.7388)	46.7 (9.56)

*Section width = 500mm

CROSS-SECTION



STEEL SPECIFICATIONS

Commercial quality ASTM A569 or equal Fy = 230MPa



Armtec is a leading national manufacturer of a comprehensive range of infrastructure products and engineered construction solutions for customers in a diverse cross-section of industries. With operations coast to coast, we are a trusted partner for transportation, public works, forestry, oil and gas, and mining operations throughout the country and abroad. Since 1908 our commitment to quality, customer service and innovation has set the benchmark in the Canadian drainage and bridge landscape.

Call 1-800-565-1152 or visit armtec.com