

SPECIFICATION

BLACK METRIC SHEET PILING

- Scope:** This specification covers structural quality, light gage, interlocking steel sheet piling.
- Material:** Black steel shall conform to the requirements of ASTM A 1011 (Grade 30). The minimum yield point shall be 30,000 psi and the minimum tensile strength shall be 49,000 psi.
- Manufacture:** The sheet piling shall be manufactured in accordance with ASTM A 857, "Standard Specification for Steel Sheet Piling, Cold Formed, Light Gage".
- Product:** The nominal physical properties of the steel sheet piling shall conform to the requirements tabulated below.

GAGE	THICKNESS (in.)	SECTION MODULUS (in ³)	
		PER SECTION	PER FT.
12	0.1046	3.18	1.76
10	0.1345	4.07	2.25
8	0.1644	4.95	2.75
7	0.1793	5.39	2.99
5	0.2092	6.28	3.48

- Additional Requirements:** The sides of each piece of sheet piling shall be furnished with an interlock that is continuous for the full length of the sheeting.
- Certifications:** Upon request, the manufacturer shall certify that the requirements of this specification have been met.
- Reference the project plans for the gage, length, special sections and quantity requirements.**



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SPECIFICATION
BLACK
METRIC SHEET PILING

DRAWN BY: JME	REV. BY: M.J.O.	SCALE:
DATE: 9-18-92	DATE: 4-15-03	SCALE: 1008808E

SPECIFICATION

PRE GALVANIZED METRIC SHEET PILING

Scope: This specification covers structural quality, light gage, interlocking steel sheet piling.

Material: The pre-galvanized steel shall conform to the requirements of ASTM A 929 with respect to sheet thickness, flatness requirements and chemical composition. The minimum yield point shall be 30,000 psi and the minimum tensile strength shall be 45,000 psi, with the zinc coating designation to be G210 (2 ounce per square foot nominal, total both sides) per ASTM A 653.

Manufacture: The sheet piling shall be manufactured in accordance with ASTM A 857, "Standard Specification for Steel Sheet Piling, Cold Formed, Light Gage".

Product: The nominal physical properties of the steel sheet piling shall conform to the requirements tabulated below.

GAGE	THICKNESS (in.)	SECTION MODULUS (in ³)	
		PER SECTION	PER FT.
12	0.1046	3.18	1.76
10	0.1345	4.07	2.25
8	0.1644	4.95	2.75

Additional Requirements: The sides of each piece of sheet piling shall be furnished with an interlock that is continuous for the full length of the sheeting.

Certifications: Upon request, the manufacturer shall certify that the requirements of this specification have been met.

Reference the project plans for the gage, length, special sections and quantity requirements.



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SPECIFICATION
PRE GALVANIZED
METRIC SHEET PILING

DRAWN BY: HBM

REV. BY: SHL

SCALE:

DATE: 3-30-95

DATE: 11-22-96

1009535C

SPECIFICATION

HOT DIP GALVANIZED METRIC SHEET PILING

- Scope:** This specification covers structural quality, light gage, interlocking steel sheet piling.
- Material:** The steel shall conform to the requirements of ASTM A 1011 (Grade 30). The minimum yield point shall be 30,000 psi and the minimum tensile strength shall be 49,000 psi.
- Manufacture:** The sheet piling shall be manufactured in accordance with ASTM A 857, "Standard Specification for Steel Sheet Piling, Cold Formed, Light Gage".
- Galvanizing:** The sheet piling shall be hot-dip galvanized in accordance with ASTM A 123 at a rate of 2.0 ounces per square foot (total both sides).
- Product:** The nominal physical properties of the steel sheet piling shall conform to the requirements tabulated below.

GAGE	THICKNESS (in.)	SECTION MODULUS (in ³)	
		PER SECTION	PER FT.
12	0.1046	3.18	1.76
10	0.1345	4.07	2.25
8	0.1644	4.95	2.75
7	0.1793	5.39	2.99
5	0.2092	6.28	3.48

- Additional Requirements:** The sides of each piece of sheet piling shall be furnished with an interlock that is continuous for the full length of the sheeting.
- Certifications:** Upon request, the manufacturer shall certify that the requirements of this specification have been met.
- Reference the project plans for the gage, length, special sections and quantity requirements.



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SPECIFICATION
HOT DIP GALVANIZED
METRIC SHEET PILING

DRAWN BY: HBM

REV. BY: M.J.O.

SCALE: SCALE

DATE: 3-30-95

DATE: 4-15-03

1009536D

SPECIFICATION

ALUMINIZED STEEL TYPE 2 METRIC SHEET PILING

- Scope:** This specification covers structural quality, light gage, interlocking steel sheet piling.
- Material:** The Aluminized Steel Type 2 shall be of commercial quality and in conformance with ASTM A 929. Minimum yield shall be 33,000 psi. The coating shall be prior to fabrication on a continuous line by the hot-dip process. The coating bath shall be produced from commercially pure aluminum. Weight of coating shall be one ounce per square foot minimum total both sides as measured by the triple-spot test described in ASTM A 428.
- Manufacture:** The sheet piling shall be manufactured in accordance with ASTM A 857, "Standard Specification for Steel Sheet Piling, Cold Formed, Light Gage".
- Product Properties:** The nominal physical properties of the steel sheet piling shall conform to the requirements tabulated below.

GAGE	THICKNESS (in.)	SECTION MODULUS (in ³)	
		PER SECTION	PER FT.
12	0.1046	3.179	1.762
10	0.1345	4.065	2.253

- Additional Requirements:** The sides of each piece of sheet piling shall be furnished with an interlock that is continuous for the full length of the sheeting.
- Certifications:** Upon request, the manufacturer shall certify that the requirements of this specification have been met.
- Reference the project plans for the gage, length, special sections and quantity requirements.**



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SPECIFICATION
ALUMINIZED STEEL TYPE 2
METRIC SHEET PILING

Drawing J.M.E.
Date: 9-18-92

Revision S.I.H.
Date: 6-27-97

Drawing
Number: 1008809E