

# EM MasterLine 16

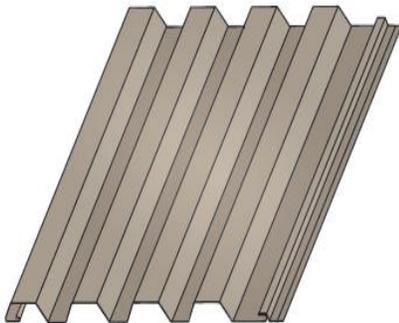


**DESCRIPTION:**

EM MasterLine 16 is a concealed fastener metal wall panel that provides an interesting shadow line, enhancing the aesthetics of the panel. While primarily designed for horizontal applications, it can also be installed vertically to give a distinguished architectural design. The panels provide 16" coverage and are available with factory applied mastic in the side laps. Panels may be attached to metal studs, with or without sheathing, as well as to subgirts.

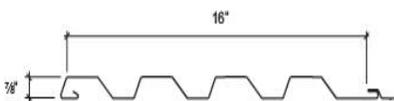
**FEATURES AND BENEFITS**

- Can be installed over a variety of substructures, including continuous insulation and sub girts.
- Available for horizontal or vertical applications.
- Available with factory mastic for superior air and water infiltration resistance.
- Available in a wide variety of colors and gauges.
- Factory corners available.



**PRODUCT SPECIFICATIONS**

- Applications: Wall
- Coverage Widths: 16"
- Panel Attachment: Concealed Fastening System
- Gauges: 24 (standard); 22, 20, 18 (optional)
- Finishes: Smooth (standard); Embossed (optional; 24 and 22 gauge only)
- Coatings: Galvalume® Plus, Signature® 200, Signature® 300, Signature® 300 Metallic



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<b>CATEGORY</b>	<b>CHARACTERISTIC</b>	<b>TEST METHOD</b>	<b>PURPOSE</b>	<b>RESULT</b>
<b>ENVIRONMENTAL</b>	Air Leakage	ASTM E283	Determines the air leakage rates of exterior windows, curtain walls, and doors under specified air pressure differences across the specimen	0.002 cfm/ft <sup>2</sup> at 6.24 psf static pressure 0.003 cfm/ft <sup>2</sup> at 12.00 psf static pressure
	Water Penetration	ASTM E331	Determines the resistance of exterior windows, curtain walls, skylights, and doors to water penetration when water is applied under uniform static air pressure difference	No uncontrolled water penetration through the panel joints at a static pressure of 20.00 psf
<b>STRUCTURAL</b>	Negative Wind Loads	ASTM E 1592	Provides a standard procedure to evaluate or confirm structural performance under uniform static air pressure difference	See Section Properties and Allowable Load Table Section*
	Positive Wind Loads	ASTM E 1592	Provides a standard procedure to evaluate or confirm structural performance under uniform static air pressure difference	See Section Properties and Allowable Load Table Section*

\*Additional data sheets and load charts available at [www.exceptionalmetals.com](http://www.exceptionalmetals.com).