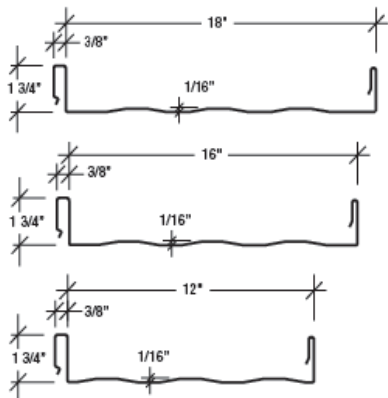


## EM LokSeam®



### DESCRIPTION:

The EM LokSeam® is a snap-together standing seam roof system with a 1 3/4" tall vertical rib, for use on roofs with a minimum slope of 3:12. EM LokSeam® panels are available in 12-inch, 16-inch and 18-inch widths. EM LokSeam® panels can be installed over open framing or a solid substructure and are capable of transitioning from roof to fascia with the use of a rib cover. EM LokSeam® does not require a solid substructure for support.



### FEATURES AND BENEFITS

- Narrower widths, heavier gauges, striations and embossing minimize oil canning.
- Panels can be installed on roofs with a transition by using die-formed rib covers.
- Numerous UL 580 Construction ratings are available, as well as UL 790, Class A for external fire, numerous roof assemblies for UL 263 for internal fire and the UL 2218 Class 4 impact rating.
- EM LokSeam® carries Florida approval rating.

### PRODUCT SPECIFICATIONS

- Applications: Roof
- Coverage Widths: 12", 16", and 18"
- Minimum Slope: 3:12
- Panel Attachment: Concealed Fastening System, Standard and UL90 Clips
- Gauges: 24 (standard); 22 (12", 16", 18"), 26 (12") (optional)
- Finishes: Striated (standard); Embossed Striated (optional)
- Coatings: Galvalume® Plus, Signature® 200, Signature® 300, Signature® 300 Metallic

CATEGORY	CHARACTERISTIC	TEST METHOD	PURPOSE	RESULT
ENVIRONMENTAL	Impact Resistance	UL 2218	Determines impact resistance of prepared roof covering materials	Class 4 Rating
FIRE RESISTANCE	Room Fire Performance	UL 790	Standard for standard test methods for fire tests of roof coverings	See Class A Fire Rating Data Sheet*
	Room Fire Performance	UL 263	Standard for fire tests of building construction and materials	For use in Design Nos. P225, P227, P230, P237, P265, P268, P508, P510, P512, P701, P711, P720, P722, P726, P731, P734, P801, P815, P819
STRUCTURAL	Uplift Resistance	ASTM E 1592	Provides a standard procedure to evaluate or confirm structural performance under uniform static air pressure difference	See Load Chart Section*
	Gravity Loads	AISI S100	North American Specification for the Design of Cold-Formed Steel Structural Members	See Section Properties and Allowable Load Table Section*
ROOF LISTINGS	Roof Performance Underwriters Laboratories	UL 580	Determines the uplift resistance of roof assemblies consisting of the roof and roof covering materials	Class 90 Rating- Construction Number 254, 255, 261, 303, 342, 343, 414, 436, 445, 446, 447, 448, 486, 508A, 543, and 544.
	Roof Performance Florida Approval	ASTM E 1592 UL 790	Florida product approval is the approval of products and systems, which comprise the building envelope and structural frame, for compliance with the structural requirements of the Florida Building Code	See FL #11819.3
	Roof Performance Texas Department of Insurance	UL 580	TWIA provides windstorm and hail insurance in areas exposed to hurricanes and currently provides windstorm and hail coverage in the following 14 "first tier" Texas coastal counties: Aransas, Brazoria, Calhoun, Cameron, Chambers, Galveston, Jefferson, Kenedy, Kleberg, Matagorda, Nueces, Refugio, San Patricio, and Willacy	See RC-61

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