

EM 7.2 Panel



DESCRIPTION:

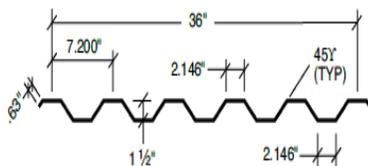
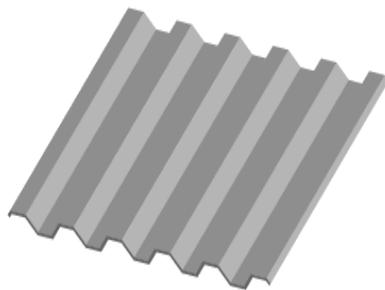
When your design calls for a commercial or industrial exposed fastener panel, the EM 7.2 Panel is an ideal choice. This panel offers versatility and functionality for roofs and walls. The symmetrical rib EM 7.2 Panel offers excellent spanning and cantilever capabilities, making it an excellent choice for carports and walkway canopies. When used on walls, the EM 7.2 Panel is typically ordered as “reverse rolled” and can be installed either vertically or horizontally.

FEATURES AND BENEFITS

- UL 580 rating is available, as well as UL 790 Class A for external fire; roof assembly for UL 263 for internal fire, and the UL 2218 Class 4 impact rating.
- EM 7.2 Panel carries Florida approval.

PRODUCT SPECIFICATIONS

- Applications: Roof and wall
- Coverage Widths: 36"
- Rib Spacing: 7.2" on center
- Rib Height: 1½"
- Minimum Slope: ½:12
- Panel Attachment: Exposed fastening system
- Gauges: 24 (standard); 29, 26, 22 (optional)
- Finishes: Smooth (standard); embossed (optional)
- Coatings: Galvalume® Plus, Signature® 200, Signature® 300, Signature® 300 Metallic



EM 7.2 PANEL

CATEGORY	CHARACTERISTIC	TEST METHOD	PURPOSE	RESULT
ENVIRONMENTAL	Air Leakage	ASTM E283	Determines the air leakage rates of exterior windows, curtain walls, and doors under specified air pressure differences across the specimen	0.0000 cfm/ft ² at 6.24 psf static pressure 0.239 cfm/ft ² at 15.00 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 13.24 psf
	Impact Resistance	UL 2218	Determines impact resistance of prepared roof covering materials	Class 4 Rating
FIRE RESISTANCE	Room Fire Performance	UL790	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	AISI S100	Provides a standard procedure to evaluate or confirm structural performance under uniform static air pressure difference	See Section Properties and Allowable Load Table 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 244
	Roof Performance-Florida Approval	UL 580 FM 4471 UL 790	Florida product approval is the approval of products and systems, which comprise the building envelope and structural requirements of the Florida Building Code	See FL #15159

*Additional data sheets and load charts available at www.exceptionalmetals.com.