

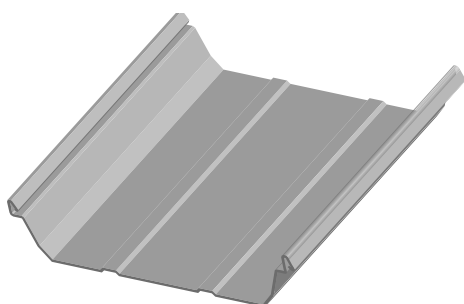


STANDING SEAM ROOF SYSTEM

ULTRA-DEK®



The Ultra-Dek® roof panel is a snap-together, trapezoidal leg standing seam roof system. Ultra-Dek® panels are available in 18" and 24" widths. Ultra-Dek® requires a minimum slope of ¼:12 and is ideal for industrial, commercial and architectural applications. Low and high clips are available to allow for installation of various insulation thicknesses between the panels and purlins.



PRODUCT SPECIFICATIONS

Applications: Roof

Coverage Widths: 18", 24"

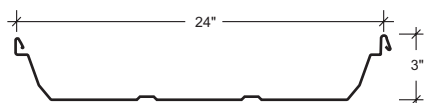
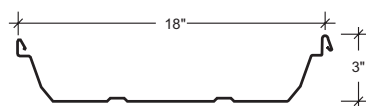
Minimum Slope: ¼:12

Panel Attachment: Concealed Fastening System; Low, High, Fix and Sliding

Gauges: 24 (standard); 22

Finishes: Smooth (standard); Embossed (optional)

Coatings: Galvalume® Plus, Signature® 200, Signature® 300, Signature® 300 Metallic



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CATEGORY	CHARACTERISTIC	TEST METHOD	PURPOSE	RESULT
ENVIRONMENTAL	Air Leakage Through Roof Panel Joints	ASTM E1680	Determines the air leakage characteristics of metal roof panels under specified air pressure differences at ambient conditions	0.251 cfm/ft2 at 6.24 psf static pressure 0.502 cfm/ft2 at 12.00 psf static pressure
	Water Penetration Through Roof Panel Joints	ASTM E1646	Determines the resistance to water penetration of metal roof panels under uniform static air pressure difference	No uncontrolled water penetration through the panel joints at a static pressure of 12.00 psf
	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. Requires installation over a non-combustible substrate to qualify for Class A rating. Installation over a combustible substrate qualifies for Class C rating.	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 coverings materials	Class 90 Rating - Construction Number 165, 180B, 205, 205A, 286, 308B, 534, 535, 536, 537 and 541
	Roof Performance - Florida Approval	ASTM E 1592 FM 4471 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# 42382.14
	Roof Performance - Texas Department of Insurance	ASTM E1592	TWA 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-522

Descriptions and specifications contained herein were in effect at the time this publication was approved for printing. In a continuing effort to refine and improve products, MBCI reserves the right to discontinue products at any time or change specifications and/or designs without incurring obligation. Projects should be designed to conform to applicable building codes, regulations and accepted industry practices. To ensure you have the latest information available, please inquire or visit our website: mbci.com.

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