

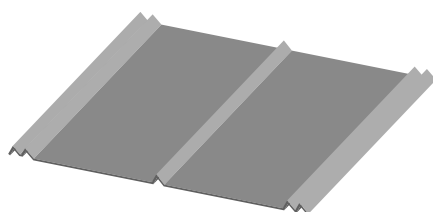


EXPOSED FASTENING SYSTEM

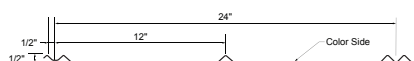
5V CRIMP



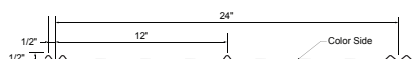
The 5V Crimp roof panel offers an ideal old-time, residential appearance. 5V Crimp is also an aesthetically-pleasing solution for light commercial applications. The 5V Crimp panels require a solid roof deck with a waterproof membrane.



5V Crimp Non-Striated



5V Crimp Striated



PRODUCT SPECIFICATIONS

Applications: Roof and Wall

Coverage Widths: 24"

Rib Spacing: 12" on center

Rib Height: 1/2"

Minimum Slope: 3:12

Panel Attachment: Exposed Fastening System

Gauges: 29 (Standard);
26 (Optional)

Finishes: Non-Striated; Striated

Coatings: Galvalume Plus[®],
Signature[®] 200

5V CRIMP - EXPOSED FASTENING SYSTEM

CATEGORY	CHARACTERISTIC	TEST METHOD	PURPOSE	RESULT
ENVIRONMENTAL	Impact Resistance	UL 2218	Determines Impact Resistance of prepared Roof Covering Materials	Class 4 Rating
	Air Leakage	ASTM E283	Determines the air leakage rates of exterior windows, curtain walls, and doors under specified air pressure differences across the specimen	0.0067 cfm/ft ² at 1.57 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 6.24 psf
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	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 coverings materials	Class 90 Rating - Construction Number 453
	Roof Performance - Miami-Dade County	TAS 125 TAS 201 TAS 100 FM 4471 App. G	The Product Control Approval System establishes a protocol to evaluate the standards of products used in construction in Miami-Dade County. Miami-Dade County, with its inclusion in the High Velocity Hurricane Zone (HVHZ), has the most stringent code requirements of the Florida Building Code. Therefore, all products that comprise the structure's building envelope - doors, shutters, windows, prefabricated buildings and truss plates-require the issuance of an approval in order to be used for construction in Miami-Dade County.	See NOA # 22-0207.02
	Roof Performance - Florida Approval	TAS-125 UL 580 UL 790 ASTM E 1592	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# 42379.3, 42379.4, 42382.9
	Roof Performance - Texas Department of Insurance	UL 580 ASTM E 1592	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	TDI 3rd Party Evaluation FL 42379.4

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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