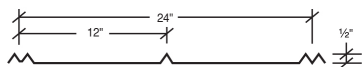
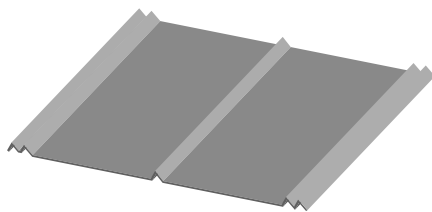


EXPOSED FASTENING SYSTEM

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.



PRODUCT SPECIFICATIONS

Applications: Roof

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: Smooth (standard)

Coatings: Galvalume Plus®,
Signature® 200

EXPOSED FASTENING SYSTEM

5V CRIMP

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/ft2 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 - Florida Approval	TAS-125 UL 580 UL 1897 U790	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 UL 1897	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-23

* New Fortify Building Solutions manufacturing facilities may be in process of obtaining UL compliance. Please notify your Sales Representative prior to placing an order if UL is required to ensure your material is manufactured in the appropriate facility.

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