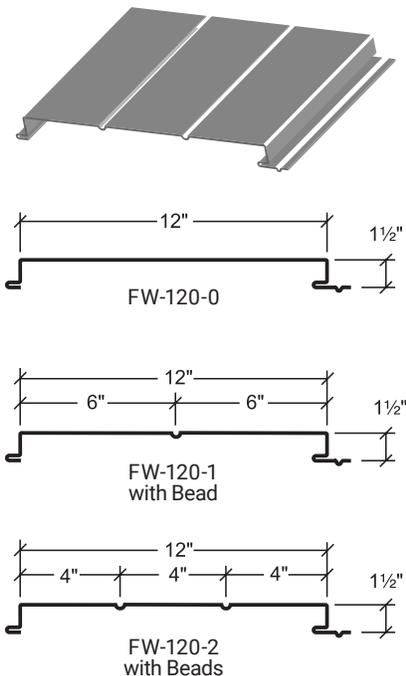


CONCEALED
FASTENING SYSTEMS

FW-120 PANEL

Note: Produced on-site at select locations as FWQ100 panel.

The FW-120 panel is a concealed fastener wall and liner panel that provides a flat appearance. FW-120 is commonly used for architectural, commercial and industrial markets. The heavy gauge offering provides for large spanning capabilities, particularly in composite wall applications.



PRODUCT SPECIFICATIONS

Applications: Wall and Fascia

Coverage Widths: 12"

Minimum Slope: 1/2:12

Panel Attachment: Concealed
Fastening System

Gauges: 24 (standard); 22 and
20 (optional)

Finishes: Smooth (standard);
Embossed (optional)

Coatings: Signature® 300

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	0.000 cfm/ft ² at 6.24 psf static pressure 0.113 cfm/ft ² at 20.00 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
STRUCTURAL	Negative Wind Loads	ASTM E 1592	Provides a standard procedure to evaluate or confirm structural performance under uniform static air pressure difference	See Load Chart Section
	Positive Wind Load	AISI S100	North American Specification for the Design of Cold-Formed Steel Structural Members	See Section Properties and Allowable Load Table Section
WALL LISTINGS	Wall Performance - Florida Approval	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# 42378.5
	Wall Performance - Texas Department of Insurance	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.	See EC-97

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