

FW12™ PANEL

CONCEALED FASTENING SYSTEMS

PRODUCT SPECIFICATIONS

Applications: Wall and Fascia

Coverage Widths: 12"

Panel Attachment: Concealed Fastening System

Gauges: 24 (standard); 22

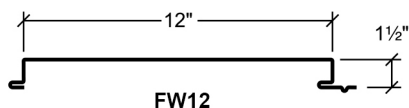
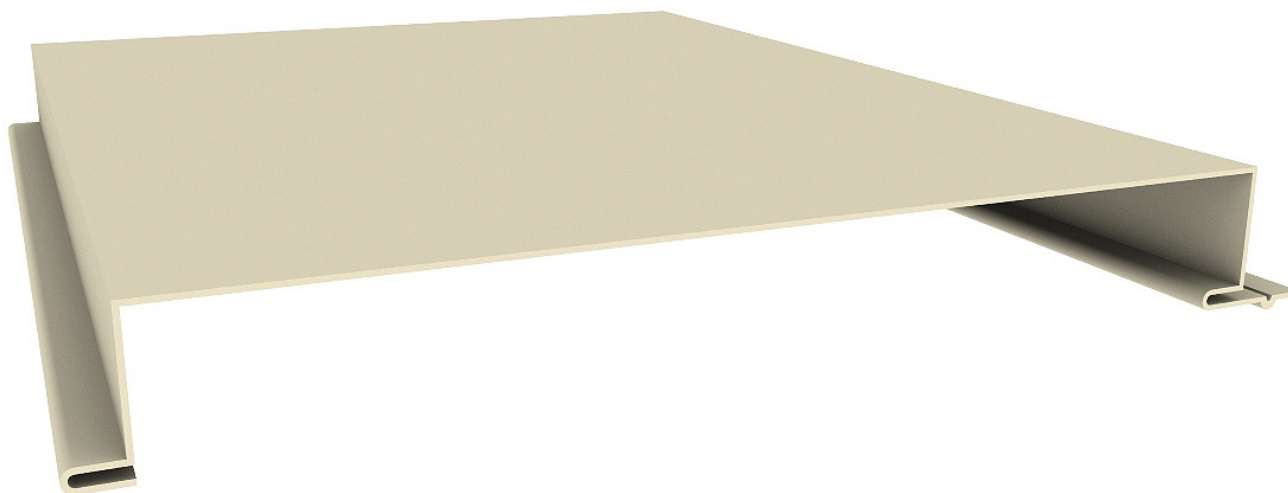
Finishes: Smooth (standard); Embossed (optional)

Coatings: Kynar®; Fluoropon®

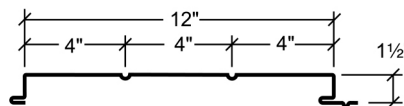
The FW12™ panel is a concealed fastener wall and liner panel that provides a flat appearance. FW12™ is commonly used for architectural, commercial and industrial markets. The heavy-gauge offering provides for large spanning capabilities, particularly in composite wall applications.

FEATURES AND BENEFITS

- FW12™ is available in a flat profile with no beads or two beads.
- The FW12™ panel has been tested by a certified independent laboratory in accordance with ASTM test procedures for Air Infiltration and Water Penetration at the sidelap. Test results show no air leakage at 1.57 psf and no water penetration at 6.24 psf differential pressure.
- FW12™ carries Florida approval.



FW12



FW12-2
with Beads



FW12™ 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	0.000 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 psi
STRUCTURAL	Negative Wind Loads	ASTM E1592	Provides a standard procedure to evaluate or confirm structural performance under uniform static air pressure difference	See Load Chart Section
	Positive Wind Loads	AISI S100	North American Specification for the Design of Cold-Formed Steel Structural Members	See Section Properties and Allowable Load Table Section
WALL LISTING	Wall Performance - Florida Approval	ASTM E1592	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 Product Listing