



## Thermoplastic Single Ply and Multi-Ply Roofing Systems

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### **FLEXLOCK ROOF EDGE - TYPE FLS** *Spring Clip w/Snap-on Fascia* *Flex Architectural Metals*

#### **GENERAL**

The FlexLock Roof Edge System, Type FLS, is specifically designed for Flex single ply roofing membranes. FlexLock, Type FLS, locks membranes securely at the roof perimeter. The FLS system is approved for Factory Mutual 1-195 wind-uplift protection. The FlexLock Roof Edge has a decorative metal fascia with a continuous galvanized steel, spring-action base plate. The design creates economies and superior sealing power against wind or water infiltration at the

perimeter of Flex adhered or mechanically fastened membranes. Exterior fascia is available in formed aluminum or 24 GA galvanized, Kynar coated, steel. Two sizes of extruded aluminum fascia are also available. All fascias have concealed matching joint splice plates to present a continuous sight line. They have integral drip edges to prevent water stains on the building face.

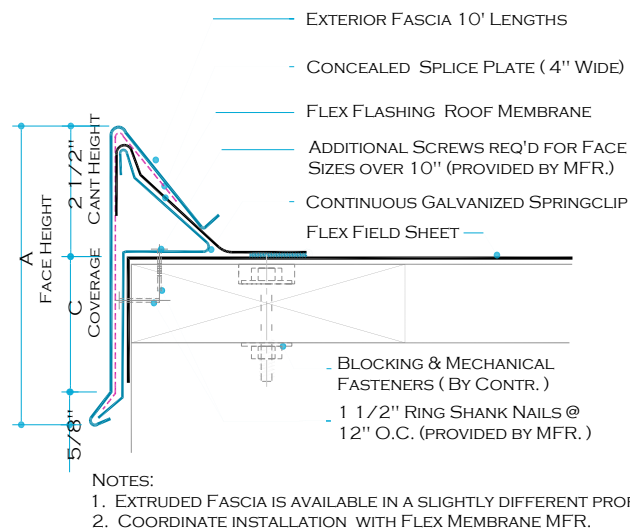
#### **MATERIAL** (short form specification)

Roof perimeter fascia shall be Flex Lock, Type FLS, (indicate size) as furnished by the membrane manufacturer as a part of the complete roof system. Exterior fascia shall be (select one) .050", .063", 24 gauge Kynar 500<sup>®</sup> coated galvanized steel, extruded aluminum, over continuous galvanized steel spring-action base plate. The fascia and base plate shall be standard ten-foot lengths. Provide matching factory fabricated mitered corners and other accessories as may be required.

FINISH: The exterior finish shall be (insert preference and color).

#### **FINISHES**

- Natural mill aluminum.
- Pre-Coat Kynar 500<sup>®</sup> - from the manufacturer's standard color chart.
- Post-Coat Kynar 500<sup>®</sup> - industry standard two coat colors.
- Non-Standard Kynar 500<sup>®</sup> - colors requiring multiple coatings or protective clear coats.
- Anodized aluminum – clear, bronze, and black.



**STANDARD PRODUCT SELECTIONS / SIZES\***  
**FORMED FLEXLOCK ROOF EDGE – TYPE FLS**

<u>Product Number</u>	<u>Face Height (mm)</u>	<u>Fascia Gauge (mm)</u>	<u>Coverage (mm)</u>
FLS-475	4.75" (121)	.050" (1.25) and	2.25" (57)
FLS-625	6.25" (158)	.063" (1.60) or	3.75" (95)
FLS-775	7.75" (197)	24 GA Galv. Steel	5.25" (133)
FLS-925	9.25" (235)	w/Kynar Finish	6.75" (171)

\*Note: Custom sizes may be developed to meet special conditions. Please contact your Flex Representative for available options.

**INSTALLATION** *\*(Consult Installation Guide for additional specific and complete instructions)*

The installation shall conform to the manufacturer's written instruction. The roof edge and wooden nailers must be flat and level. Use shims to keep nailing surface flat. The Flex Field Roofing Membrane shall extend over the outside of the wooden nailer, Min. 2". Then the spring clip shall be installed over the Flex Field Membrane and fastened through the spring-action base plate and Flex Field Membrane 12" o.c. on the face with minimum 1 ½" galvanized steel roofing nails. All perimeter corner areas, 24" out both walls from the corner, shall be increased to a 6" o.c. Min. fastening pattern with 1 ½" galvanized roofing nails. The secondary Flex Flashing Membrane shall be hot-air welded to the field membrane per Flex's specifications and extend loosely over the spring clip and down the face, with lower edge held 1.0" above the drip edge of the base plate. The fascia with concealed joint cover shall be installed on the Flex Flashing Membrane with a downward snapping action. The installing contractor shall carefully cut and fit smaller intermediate sections of fascia to fit the building dimensions.

**GUARANTEE**

- A. Standard 5 Year Limited Warranty: Materials shall be free of defects in material and workmanship for five years after shipment. No other warranty is expressed or implied.
- B. Special Performance Warranty: We guarantee that FlexLock Roof Edge System Type FLS in standard sizes, when used as a part of a Flex Membrane Installation, and installed according to our instructions, will not blow off, leak, or cause membrane failure, in winds up to 110 mph (3 second maximum peak gust speed) for a period of 20 years after shipment.
- C. Decorative Finish Warranty: Pre-finished aluminum and 24 gauge galvanized steel coated with Kynar 500<sup>®</sup> finish with 20 year warranty. Spray-applied Kynar 500<sup>®</sup> finish is available in standard and custom colors with a limited 10 year warranty. Anodized aluminum finishes carry no warranty.

**QUALITY ASSURANCE**

Factory Mutual Research Corporation Loss Prevention Data Sheet 1-49 "Perimeter Flashing".

The fascia product shall be listed in the current Factory Mutual Approval Guide.

ANSI-SPRI ES-1 Test Method RE-1 for roof edge termination of single ply roofing membranes. The fascia system shall be tested to secure the membrane to a minimum 100 lbs./ft.

ANSI-SPRI ES-1 Test Method RE-2 Pull-Off Test for fascia. Fascia shall be tested to design pressures as indicated in current edition of Wind Resistance Guide for Edge Systems Used with Low-Slope Roofing Systems.

**TECHNICAL SERVICES**

Specialized engineering and shop drawings are available from the factory. Product samples, detail sheets, color chips, and color charts are ready for your submittal package. Please contact the Flex Technical Services Department for personal assistance with questions or submittals.