



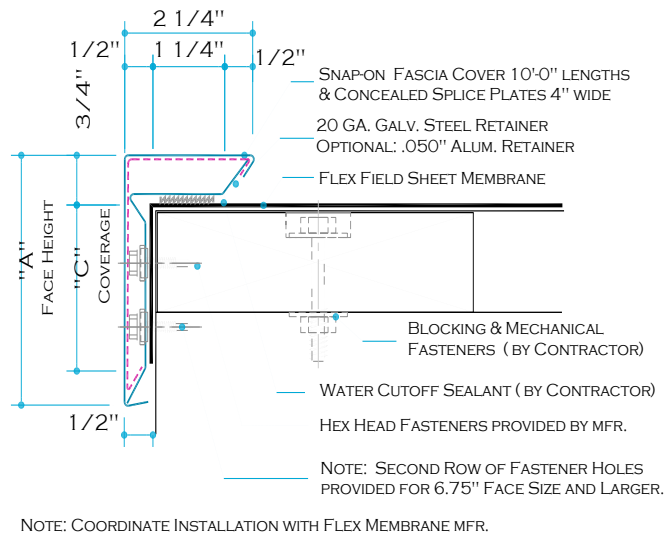
Thermoplastic Single Ply and Multi-Ply Roofing Systems

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FLEXLOCK ROOF EDGE – TYPE FLT *Termination Bar w/ Fascia Cover* *Flex Architectural Metals*

GENERAL

The FlexLock Roof Edge System, Type FLT, is specifically designed to provide superior performance with Flex single ply roofing membranes. FlexLock Roof Edge, Type FLT, is performance tested and rated for Factory Mutual 1-180 wind-uplift protection. FlexLock's termination-bar style metal anchor plate allows the use of high torque screws through the vertical surface without penetrating the top surface of the membrane at the perimeter. This continuous clamping action prevents wind and water from blowing under the Flex Roof Membrane. FlexLock, Type FLT, is a two-piece design which features a snap-on decorative fascia cover which conceals all fasteners and presents an attractive exterior facing at the roof perimeter. Exterior fascia covers stand away from the building to prevent dripping and staining of the building walls. High quality exterior finishes are virtually maintenance free. FlexLock, Type FLT, is factory fabricated out of aluminum or galvanized steel with concealed joint covers between ten-foot sections to provide a clean, continuous sight line. The system is engineered for fast, low-cost, and easy installation without the need for retainer splice tapes.



MATERIAL (short form specification)

Roof perimeter fascia shall be Flex Lock, Type FLT, (indicate size) as furnished by the membrane manufacturer as a part of the complete roof system. Exterior fascia shall be (select one) .032", .040", or .050" aluminum or 24 gauge Kynar 500[®] coated galvanized steel with matching joint covers. Term-bar retainer section shall be standard 20 GA Galvanized steel with 9/32" mounting holes at 6" on-center on the vertical surface. (Note: an optional .050" aluminum retainer bar may be specified at slight additional cost). The fascia and retainer shall be standard ten-foot lengths. Provide matching factory fabricated mitered corners.

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

FINISHES

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

STANDARD PRODUCT SELECTIONS / SIZES*

FLEXLOCK ROOF EDGE – TYPE FLT

<u>Product Number</u>	<u>Maximum Fascia Height (mm)</u>	<u>Nailer Thickness (mm)</u>
FLT375	3.75" (95)	2.25" (57)
FLT525	5.25" (133)	3.75" (95)
FLT675	6.75" (171)	5.25" (133)

*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 straight and level. Use shims to keep nailing surface flat. The Flex Field Roofing Membrane shall extend over the outside of the wooden nailer, Min. 3". Then an approved caulking shall be applied to the bottom side of the retainer section. The galvanized steel retainer section shall be installed over the Flex Roof Membrane and laid onto the roof edge, firmly embedding the caulk to create a watertight seal, fastening 6" o.c. on the vertical face with corrosion resistant screw fasteners (minimum #12 X 1"). Lap the retainer section by 1" and do not fasten through the laps. The fascia with concealed joint cover shall be installed on the galvanized steel retainer section with a downward snapping motion. 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 Type FLT 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[®] finish with 20 year warranty. Spray-applied Kynar 500[®] 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 approved for Zone 1, 60 PSF uplift and Zone 2, 90 PSF uplift.

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.