



Thermoplastic Single Ply and Multi-Ply Roofing Systems

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FLEXCAP COPING - TYPE FLC

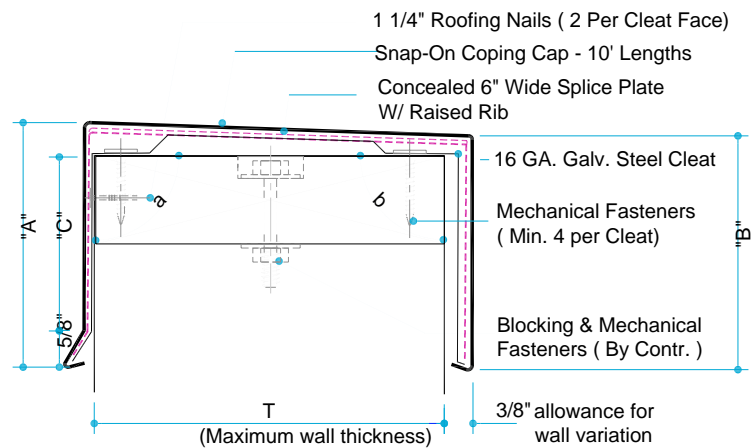
Coping Cap w/ Cleat

Flex Architectural Metals

GENERAL

The Flexcap Coping System, Type FLC, is specifically designed for Flex single ply roofing membranes. The Flexcap Coping System completely anchors membranes to the parapet wall and is approved for Factory Mutual 1-180 wind-uplift protection. Flexcap is designed to be leak-proof and maintenance-free with absolutely no exposed fasteners. Flexcap, Type FLC, is manufactured with a unique internal 20 gauge galvanized steel coping cleat which anchors the Flexcap Coping

System and provides the inward slope for water run-off back to the roof surface. Flexcap Coping is factory fabricated out of aluminum or galvanized steel with concealed joints in order to provide an attractive profile and a stand-off fascia which channels water away from the wall, eliminating dripping and staining.



MATERIAL (short form specification)

The Flexcap shall be (.040", .050", .063" aluminum or 24 gauge galvanized steel) formed as indicated with allowance for expansion and contraction. The standard length is 10' with standard corners having 24" nominal length. The support shall be manufacturer's 20 gauge galvanized steel coping cleats. The face and back leg are 4" nominal length with tested approvals up to 6". Custom sizes are available upon request. Concealed 6" splice plate shall match color and finish. All exposed metal shall have (mill, Kynar 500[®], clear anodized, bronze anodized or other) finish.

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 PARAPET COPING – TYPE FLC

<u>Product #</u>	<u>Max. Wall Thickness(mm)</u>	<u>Product #</u>	<u>Max. Wall Thickness(mm)</u>
FLC600	6” (152)	FLC1200	12” (305)
FLC700	7” (178)	FLC1300	13” (330)
FLC800	8” (203)	FLC1400	14” (356)
FLC900	9” (229)	FLC1500	15” (381)
FLC1000	10” (254)	FLC1600	16” (406)
FLC1100	11”(279)		

*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 instructions for mechanical fastening. The Flex Flashing Membrane shall extend up the wall and over the outside of the wooden nailer, Min. 2”, to the exterior side of the parapet wall. The substrate shall be flat and level from front to back. Shims should be used for areas not level. Install 20 gauge galvanized steel coping cleats, concealed 6” splice plates, and prefabricated accessories as per shop drawings or installers guide all in accordance with Flex’s Specifications and Details. The galvanized steel coping cleats shall be placed every five foot (5’) on center and shall have a minimum per cleat of four (4) mechanical fasteners (screws) installed on top and two (2) 1 ½” galvanized steel roofing nails installed on the exterior face of the cleat. The concealed 6” wide splice plate shall be placed over the coping cleats at each joint before the Flexcap Coping Cap is installed to cover. There are also numerous accessories that work in conjunction with the Flexcap such as two (2) options for coping corners and two (2) options for the coping itself with a double sloping or flat wall coping metal. The two (2) options for coping corners are a fully welded miter for a clean, smooth welded corner, and a Metal-Lock corner with a precision machine cut sealed for no through penetrations.

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 FlexCap Coping System Type FLC 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 Fastening”

Flexcap Coping in standard sizes and with legs not exceeding six inches, is listed in the current Factory Mutual Approval Guide.

ANSI-SPRI ES-1 Test Method RE-3 for coping. The Flexcap Coping System has been tested simultaneously on the horizontal and vertical surfaces and has exceeded the design wind pressure as calculated in accordance with this test.

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.