

PART 1 - GENERAL

1.1 SUMMARY

- A. Related work specified elsewhere includes:
1. Roof system.
 2. Sealants

1.2 REFERENCES

- A. Applicable standards

SELECT APPROPRIATE REFERENCES BASED ON MATERIAL SELECTION IN PART 2

1. ****American Iron & Steel Institute (AISI) "Stainless Steel Data Manual****
2. **** American Society for Testing and Materials (ASTM) standards as referenced herein****
3. **** Copper Development Association, Inc. (CDA) " Contemporary Copper in Architecture" ****

1.3 PERFORMANCE REQUIREMENTS

- A. Manufacturer shall certify that reglet and counter flashing system to resist 110 mph wind loads when tested in accordance with ASTM D3161-95a for a minimum of two continuous hours as verified by independent test results.

1.4 SUBMITTALS

- A. Product data: Indicate product description, finishes and installation instructions for reglet and counter flashing system, including interface with adjacent materials and surfaces.
- B. Shop drawings: Indicate material types, sizes, shapes, thicknesses, finishes, fabrication details, anchors, connections, expansion joints and relation to adjacent work. Details and profiles shall be drawn at full scale.
- C. ****Samples: Submit counterflashing and reglets 1'-0" length in type and finish specified.****

1.5 DELIVERY, STORAGE AND HANDLING

- A. Store materials off ground, under cover. Protect from damage and deterioration.
- B. Handle materials to prevent damage to surfaces, edges and ends of reglets and counter flashing items. Reject and remove damaged material from site.

PART 2 - PRODUCTS

2.1 MANUFACTURER:

- A. Acceptable manufacturer; subject to compliance with specified requirements:
*Fry Reglet Corporation.
625 South Palm Avenue
Alhambra, CA 91803*

- B. Any shipment must be made in unopened cartons with the name of the manufacturer clearly visible on the carton and the name FRY on each length of each flashing.

SELECT CO FOR CAST-IN-PLACE CONCRETE, MA FOR MASONRY, SM FOR SURFACE MOUNT AND ST FOR STUCCO

Acceptable product: Fry Reglet Corp. Springlock Flashing System with Type ****CO**** MA****** ****SM**** ST ****** reglet.

- C. Type: two part reglet and flashing system consisting of reusable counter flashing which snaps into reglet.

2.2 MATERIALS

RETAIN APPROPRIATE MATERIALS COORDINATED WITH REGLET AND FLASHING SELECTION

- A. Galvanized metal: Commercial grade galvanized steel meeting ASTM A653-95, Coating Designation G-90 minimum..
1. Counter flashing: 26 gage.

RETAIN APPROPRIATE REGLET. DELETE TYPES NOT USED.

- 2. Concrete reglet: 26 gage.
- 3. Surface mounted reglet: 24 gage.
- 4. Masonry reglet: 24 gage.
- 5. ST Stucco reglet: 24 gage
- 6. STX Stucco reglet: 24 gage
- B. Aluminum: 3003-H14 alloy, meeting ASTM B209-95, 0.025" thick.
- C. Stainless steel: Type 304 alloy, meeting ASTM A666-96a, 0.020" thick, 2B finish.
- D. Copper: Meeting ASTM B370-92, H00 (cold-rolled) temper, minimum 16 oz./sq. ft.

SELECT STAINLESS STEEL FOR ALUMINUM. OTHERWISE SELECT SAME MATERIAL AS METAL BEING FASTENED.

- E. Fasteners: ****Stainless steel**** Same material or compatible with metal being fastened.
 - 1. Nails: Flat head, needle point, not less than 12 gage and of sufficient length to penetrate substrate 1" minimum.
 - 2. Expansion shields: Lead or bronze sleeves.
 - 3. Screws: Self-tapping type, with round heads.
 - 4. Blind clips and cleats: Same gage as sheet metal.

2.3 CHARACTERISTICS

CONCRETE, MASONRY AND/OR STUCCO REGLETS.

- A. Material: ****Galvanized steel **** Stainless steel **** Copper **** reglet and counter flashing.

**** OR ****

BELOW IS ACCEPTABLE, ALTHOUGH SOME GALVANIC ACTION MAY OCCUR.

- A. Material: Galvanized steel reglet and aluminum alloy counter flashing.

**** OR ****

BELOW ACCEPTABLE FOR SURFACE MOUNTED REGLETS ONLY.

- A. Material: Aluminum alloy reglet and counter flashing.

GALVANIZED, COPPER AND STAINLESS STEEL ARE FURNISHED WITHOUT ADDITIONAL FINISH. ALUMINUM IS FURNISHED WITH STANDARD GRAY PAINT.

- B. Finish: **** No further finish required. **** Factory applied gray paint. ******

- C. Accessories: Prefabricated interior and exterior corners and splice plates.

- D. **** Reglet cover:** Reglet for cast-in-place concrete shall have factory installed temporary cover to prevent migration of concrete into reglet. ******

PART 3 - EXECUTION

3.1 INSTALLATION:

- A. Install reglet and counter flashing in accordance with approved shop drawings and manufacturer's product data to comply with specified performance requirements. Reglet and counter flashing components shall be true to line, without buckling, creasing, warp or bind in finished surfaces.
- B. Coordinate counter flashing at roof surfaces with roofing work to provide weather tight condition at roof terminations.
- C. Isolate dissimilar materials to prevent electrolysis. Separate bituminous coating.

D. Secure reglets and counter flashing using continuous cleats, clips and fasteners in accordance with product data and as indicated.

3.2 REGLET AND FLASHING INSTALLATION

A. Install reglets in accordance with manufacturer's product data, level and true to line. Verify that through - wall counter flashing occurs at or above reglet locations.

1. ** Surface mounted ** and stucco ** reglets: Install reglets as walls are built.

TWO CHOICES BELOW FOR CONCRETE AND MASONRY REGLETS: OR HAVE ROOFER SAWCUT AND INSTALL AFTER WALL IS UP.

2. ** Concrete ** Masonry ** reglets: Install reglets as walls are built.

** OR **

RETAIN FOR PRECAST AND TILT-UP.

2. ** Concrete ** Masonry ** reglets: Install reglets after walls are built.

a. Sawcut joint to receive reglet to a depth of approximately 1/4" greater than the depth of the horizontal back leg of reglet.

b. Insert reglet into sawcut and wedge in place using lead wedges installed at 2'-0" o.c., maximum. Hammer wedges to a depth which will not interfere with sealant or backer rod.

c. Install exterior sealant in accordance with Sealants and Caulking section, to form fillet bead minimizing holding of water.

EDIT BELOW PER MEMBRANE TYPE; SINGLE PLIES TYPICALLY DO NOT HAVE CANTS.

d. Install with top of reglet minimum 7" above high point of cant strip (adjacent roof).

e. Install reglets with 1" factory formed end lap and counter flashing with 3" end lap.

B. Provide factory-fabricated corners at changes in direction.

C. Following installation of roofing, install counter flashing by snapping into reglet in accordance with manufacturer's product data. Overlap adjacent lengths 6" minimum, to allow for expansion and contraction. Caulk top edge of reglet using exterior sealant.