

PART 1 - GENERAL

1.1 Related Sections

- .1 Section 04 00 00 - Masonry
- .2 Section 07 52 16 - Modified Bituminous Roofing.
- .3 Section 07 61 13 - Sheet Metal Roofing
- .4 Section 08 44 13 - Aluminum Curtain Wall - canopy aluminum flashing.

1.2 References

- .1 ASTM A 526/A 526M Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Commercial Quality.
- .2 CSA B111 Wire Nails, Spikes and Staples.
- .3 CAN/CGSB-19.18 Sealing Compound, One Component, Silicone Base, Solvent Curing.
- .4 Canadian Roofing Contractors Association (CRCA).

1.3 Shop Drawings

- .1 Submit shop drawings in accordance with the conditions of the contract.

PART 2 - PRODUCTS

2.1 Sheet Metal Materials

- .1 For cap flashings - Sheet steel: 0.56 mm thick, structural quality, commercial grade A to ASTM A 446/A 446M, with Z275 zinc coating to ASTM A 525M.
  - .1 Factory pre-coated with 8000+ Series paint finish .
  - .2 Colours: as noted on drawings.

2.2 Accessories

- .1 Isolation coating: silicone sealant.
- .2 Plastic cement: 2 part urethane filler.
- .3 Sealants: to CGSB-19-GP-18M, one component silicone base sealant, colour to match flashing.
- .4 Primer for sealant: as recommended by sealant manufacturer.

- .5 Cleats: of same material, and temper as sheet metal, minimum 50 wide. Thickness same as sheet metal being secured.
- .6 Fasteners: of same material as sheet metal, to CSA B111, ring thread flat head roofing nails of length and thickness suitable for metal flashing application.
- .7 Washers: of same material as sheet metal, with rubber packing.
- .8 Tape: Isobutyl, grey, 3mm thick x 25 wide.
- .9 Touch-up paint: as recommended by prefinished material manufacturer.

### 2.3 Fabrication

- .1 Fabricate metal flashings and other sheet metal work in accordance with applicable CRCA 'FL' series details.
- .2 Form pieces in 2400 maximum lengths. Make allowance for expansion at joints.
- .3 Hem exposed edges on underside 13mm. Miter and seal corners with sealant.
- .4 Form sections square, true and accurate to size, free from distortion and other defects detrimental to appearance or performance.
- .5 Apply isolation coating to metal surfaces to be embedded in concrete or mortar.

### 2.4 Metal Flashings

- .1 Form flashings to profiles indicated from 0.66 mm thick prefinished material.

### 2.5 Cap Flashings

- .1 Form metal cap flashing in accordance with CRCA FL series details and as indicated.

### 2.6 Scuppers

- .1 Form scuppers from 0.66 mm thick prefinished steel sheet metal, colour to match flashing.
- .2 Provide necessary fastenings..

## PART 3 - EXECUTION

### 3.1 General

- .1 Coordinate work with work of related Sections.

3.2 Installation

- .1 Install sheet metal work in accordance with CRCA FL series details, and as detailed.
- .2 Install flashings colour matched as noted or approved.
- .3 Use concealed fastenings except where approved before installation.
- .4 Install continuous strip of tape between PVC membranes and flashing to stop wind-blown water.
- .5 Counterflash membrane flashings at intersections of roof with vertical surfaces and curbs. Flash joints using S-lock forming tight fit over hook strips.
- .6 Lock end joints and caulk with sealant.
- .7 Caulk flashing at reglet with sealant to form weather tight junction.

3.3 Scuppers

- .1 Install scuppers as indicated.

END OF SECTION 07 62 00