

Part 1 General

1.1 REFERENCES

- .1 Canadian Roofing Contractors Association (CRCA)
 - .1 Roofing Specifications Manual [1997].

Part 2 Products

2.1 SHEET METAL MATERIALS

- .1 Aluminum-zinc alloy coated steel sheet: to ASTM A792/A792M, commercial quality, with AZ150 coating, smooth surface.
 - .1 Surface: Smooth, flat.
 - .2 General: 0.71 mm (0.028 in.) minimum thick.
 - .3 Exposed Finish: pre-painted with a two coat thermoset system (primer and topcoat) of silicone modified polyester (SMP) with nominal dry film thickness of 1.0 + 0.2 mil, colour as selected by Consultant.
 - .4 Concealed Sheet Finish: baked on neutral coloured primer coat having a minimum dry film thickness of 0.06 mm (0.25 mil).

2.2 ACCESSORIES

- .1 Isolation coating: alkali resistant bituminous paint.
- .2 Underlay for metal flashing: [dry sheathing to CAN/CGSB-51.32] [asphalt laminated 3.6 to 4.5 kg kraft paper] [No. 15 perforated asphalt felt to CSA A123.3].
- .3 Sealants: Polyurethane based.
- .4 Cleats: of same material, and temper as sheet metal, minimum 50 mm wide. Thickness same as sheet metal being secured.
- .5 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.
- .6 Washers: of same material as sheet metal, 1 mm thick with rubber packings.
- .7 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 mm maximum lengths.
 - .1 Make allowance for expansion at joints.
 - .3 Hem exposed edges on underside 12 mm.
 - .1 Mitre 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.
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- .5 Apply isolation coating to metal surfaces to be embedded in concrete or mortar.

2.4 METAL FLASHINGS

- .1 Form flashings, copings and fascias to profiles indicated on drawings.

Part 3 Execution

3.1 MANUFACTURER'S INSTRUCTIONS

- .1 Compliance: comply with manufacturer's written recommendations, including product technical bulletins, handling, storage and installation instructions, and datasheets.

3.2 INSTALLATION

- .1 Install sheet metal work in accordance with CRCA FL series details.
- .2 Use concealed fastenings except where approved before installation.
- .3 Lock end joints and caulk with sealant.

3.3 CLEANING

- .1 Proceed in accordance with Section [01 74 11 - Cleaning].
- .2 On completion and verification of performance of installation, remove surplus materials, excess materials, rubbish, tools and equipment.
- .3 Leave work areas clean, free from grease, finger marks and stains.

END OF SECTION