

SHEET METAL FLASHING

1. GENERAL

1.1 Work Included

- .1 Base/drip flashings
- .2 Pre-finished Brake Metal

1.2 Reference Standards

- .1 CRCA - Canadian Roofing Contractors Association
- .2 ASTM A525 - Sheet Steel, Zinc Coated, Galvanized by the Hot-Dip Process
- .3 CGSB 37-GP-5M - Sealing Compound, Rubber Asphalt

1.3 Existing Conditions/Protection

- .1 Exercise care when working with existing flexible flashings and partially demolished areas.

2. PRODUCTS

2.1 Sheet Metals

- .1 Galvanized steel: minimum 24 gauge core steel; conforming to requirements of ASTM A525 G90 Galvanized Coating.
- .2 Prefinished galvanized flashing: ASTM A446; G90 zinc coating; 22 gauge core steel; shop precoated; Colour as per schedule.

2.2 Accessory Materials and Components

- .1 Fasteners: concealed clip type, of same materials as flashings; sized to suit application.
- .2 Rubber-asphalt sealing compound: conforming to requirements of CGSB 37-GP-5M.
- .3 Bituminous paint: acid and alkali resistant type; black colour.

2.3 Fabrication

- .1 Fabricate metal flashings in accordance with recommendations of CRCA and as indicated on Drawings.
- .2 Form sections square, true and accurate to size, free from distortion and other defects detrimental to appearance or performance.
- .3 Form sections in 2438 mm (8 ft) lengths. Make allowances for expansion at joints.
- .4 All seams are to be flat lock type except corners. Fabricate corners minimum 460 mm, mitred, soldered or welded, and sealed as one (1) piece.

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- .5 Hem exposed edges of flashings on underside 13 mm.
- .6 Backpaint flashing with bituminous paint where expected to be in contact with cementitious materials or dissimilar metals.

3. EXECUTION

3.1 Examination

- .1 Beginning of installation means acceptance of existing conditions.

3.2 Preparation

- .1 Field measure Site conditions prior to fabricating Work.
- .2 Install starter and edge strips, and cleats before starting installation.

3.3 Installation: Flashings

- .1 Install flashings in accordance with CRCA recommendations and as indicated on Drawings.
- .2 Secure flashing in place using concealed type fasteners. Use exposed fasteners in locations approved by the Contract Administrator only. When using exposed fasteners, they are to be of the same finish as flashings.
- .3 Apply sealing compound at junction of metal flashings and asphalt felt flashings.
- .4 Lock seams and end joints. Fit flashing tight in place. Make corners square, surfaces true and straight in all planes and all lines accurate to profiles.
- .5 Counter-flash all mechanical and electrical items projecting through.
- .6 Install galvanized flashing to all locations indicated on Drawings.
- .7 Install pre-finished flashing to all locations indicated on Drawings.
- .8 Seal metal joints watertight.

END OF SECTION