PART 1 - GENERAL

1.1 SUMMARY

A. Includes But Not Limited To:
   1. Furnish and install miscellaneous flashing, counterflashing, and hold-down clips as described in Contract Documents and not specified to be of other material.

B. Products Supplied But Not Installed Under This Section:
   1. Gravel stops, copings, scuppers, and miscellaneous sheet metal specialties not specified to be of other materials.

C. Related Sections:
   1. Section under 07 5000 heading: Installation of gravel stops, copings, scuppers, and miscellaneous roofing related flashing.

1.2 REFERENCES

A. American Society For Testing And Materials:
   1. ASTM A 653-02a, 'Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.'
   2. ASTM A 792-03, 'Standard Specification for Steel Sheet, 55 Percent Aluminum-Zinc Alloy-Coated by the Hot-Dip Process.'

PART 2 - PRODUCTS

2.1 MATERIALS

A. Sheet Metal:
   1. Galvanized iron or steel meeting requirements of ASTM A 653, G 90 or Galvalume steel meeting requirements of ASTM A 792 AZ50, 50 ksi.
      a. 22 ga 0.792 mm for hold-down clips.
      b. 24 ga 0.635 mm for all other.
   2. Finish:
      a. Metal exposed to view shall have face coating of polyvinylidene Fluoride (PVF₂) Resin-base finish (Kynar 500 or Hylar 5000) containing 70 percent minimum PVF₂ in resin portion of formula. Thermo-cured two coat system consisting of corrosion inhibiting epoxy primer and top coat factory applied over properly pre-treated metal. Reverse side coating shall be thermo-cured system consisting of corrosion inhibiting epoxy primer applied over properly pre-treated metal.
      b. Color as selected by Architect from Manufacturer's standard colors.
   3. Type Two Acceptable Manufacturers:
      e. Metal Sales Manufacturing Corp, Sellersburg, IN  www.mtlsales.com.
      g. Equal as approved by Architect before installation. See Section 01 6000.
B. Sealants: Rubber base type conforming to Fed Spec TC-S-00230.

C. Fasteners:
   1. Of strength and type consistent with function.
   3. Screws, Bolts, And Accessory Fasteners: Galvanized or other acceptable corrosion resistant treatment.

2.2 FABRICATION

A. Form accurately to details.

B. Profiles, bends, and intersections shall be even and true to line.

C. Fold exposed edges 1/2 inch 13 mm to provide stiffness.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Install with small, watertight seams.

B. Slope to provide positive drainage.

C. Provide sufficient hold down clips to insure true alignment and security against wind.

D. Provide 4 inch 100 mm minimum overlap.

E. Allow sufficient tolerance for expansion and contraction.

F. Insulate work to prevent electrolytic action.

3.2 CLEANING

A. Leave metals clean and free of defects, stains, and damaged finish.