

SECTION 076200

SHEET METAL FLASHING AND TRIM

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Roof flashings.
- B. Roof Drip Edge
- C. Counterflashings over base flashings and vent stacks.
- D. Gutters and Downspouts

1.2 QUALITY ASSURANCE

- A. SMACNA - Architectural Sheet Metal Manual.

1.3 STORAGE AND HANDLING

- A. Stack preformed and pre-finished material to prevent twisting, bending, or abrasion, and to provide ventilation.

PART 2 PRODUCTS

2.1 SHEET MATERIALS

- A. Aluminum Sheet: ASTM B209, 3003 alloy, H14 temper; .05ga thick; mill shop pre-coated with standard coating. Color: Standard color as selected by the Architect.

2.2 GUTTERS AND DOWNSPOUTS

- A. Equal to ATAS 5" "K" Gutters

2.3 ACCESSORIES

- A. Fasteners: Aluminum.
- B. Underlayment: See Section 07525 and Section 07311.
- C. Protective Backing Paint: Zinc chromate alkyd.
- D. Sealant: Acrylic type, specified in Section 07900.
- E. Bedding Compound: Rubber-asphalt type.
- F. Plastic Cement: Asphaltic base cement.

2.4 FABRICATION

- A. Form components true to shape, accurate in size, square, and free from distortion or defects. Form pieces in longest practical lengths.
- B. Fabricate cleats and starter strips of same material as sheet, minimum 4 inch wide, interlockable with sheet.
- C. Hem exposed edges on underside 1/2 inch; miter and seam corners. Fabricate vertical faces with bottom edge formed outward 1/4 inch and hemmed to form drip.
- D. Fabricate flashings to allow toe to extend 2 inches over roofing. Return and brake edges.
- E. Form material with standing seam.
- F. Fabricate corners in one piece; seam for rigidity, seal with sealant.
- G. Form sheet metal pans with upstand, and flanges. Fill pans watertight with plastic cement.

2.5 FINISH

- A. Backpaint concealed metal surfaces with protective backing paint to a minimum dry film thickness of 15 mil.

PART 3 EXECUTION

3.1 EXAMINATION AND PREPARATION

- A. Verify roof openings, pipes, sleeves, ducts, or vents through roof are solidly set, cant strips in place, and nailing strips located.
- B. Verify membrane termination and base flashings are in place, sealed, and secure.

3.2 INSTALLATION

- A. Conform to drawing details included in SMACNA manual.
- B. Install starter and edge strips, and cleats.
- C. Secure flashings using concealed fasteners.
- D. Apply plastic cement compound between metal work and felt flashings.
- E. Fit components tight in place. Make corners square, surfaces true and straight in planes, and lines accurate to profiles.
- F. Seal metal joints watertight.
- G. Install Gutters and Downspouts (Leaders) at locations indicated on the Drawings in accordance with the Manufacturer's recommendations.

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END OF SECTION