

SECTION 07 72 00

ROOF ACCESSORIES

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes ridge vents on metal roofing where indicated.
- B. Related Requirements and Sections: The Construction Contract and Division 01 Sections, as required to properly execute the work and as necessary to maintain satisfactory progress of the work.

1.2 PERFORMANCE REQUIREMENTS

- A. General Performance: Roof accessories shall withstand exposure to weather and resist thermally induced movement without failure, rattling, leaking, or fastener disengagement due to defective manufacture, fabrication, installation, or other defects in construction.

1.3 SUBMITTALS

- A. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation instructions.
- B. Shop Drawings:
 - 1. Include plans, elevations, expansion-joint locations, keyed details, and attachments to other work. Distinguish between plant- and field-assembled work.
- C. Sample: Submit actual product specified or sample representing actual product for Architect's approval. Actual sample, if approved, may be used in the finished work.
- D. Warranty: Sample of warranty.

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company having a minimum of five (5) years experience manufacturing similar products.
- B. Installer Qualifications: Company having a minimum of three (3) years experience installing similar products.

1.5 PRE-INSTALLATION MEETINGS

- A. Convene minimum two weeks prior to starting work of this Section.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver and store products in manufacturer's unopened packaging bearing the brand name and manufacturer's identification until ready for installation.
- B. Handling: Handle materials to avoid damage.

1.7 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.

1.8 SEQUENCING AND COORDINATION

- A. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.
- B. Coordinate layout and installation of roof accessories with roofing installation and interfacing and adjoining construction to provide a leakproof, weathertight, secure, and noncorrosive installation.

1.9 WARRANTY

- A. Manufacturer's standard form in which manufacturer agrees to repair or replace components of roof accessories that fail in materials or workmanship.

PART 2 - PRODUCTS

2.1 MANUFACTURER

- A. Specifications are based on "EZ Vent-N-Closure" manufactured by Custom Metal Components, Inc., 10617 S US Hwy 377, Dublin, Texas 76446; Phone: (254) 918-5000; Toll Free: (855) 918-5001; Fax: (254) 918-0414; Email: sales@ezventnclosure.com.
- B. Requests for substitutions will be considered in accordance with Architect's substitution requirements.

2.2 RIDGE VENTS

- A. Type: Water tight Two-In-One Vent & Closure Ridge Vent.
- B. Material: 26 gauge Galvalume SS Grade 50, AZ55 Acrylic.
- C. Size/Profile: As selected by Architect from manufacturer's complete line and custom sizes available upon request.

2.3 MISCELLANEOUS MATERIALS

- A. General: Provide materials and types of fasteners, protective coatings, sealants, and other miscellaneous items required by manufacturer for a complete installation.

- B. Foam Closure: Of type recommended by manufacturer to suit application.
- C. Fasteners: Of type recommended by manufacturer to suit application.
- D. Joint Sealant: Of type recommended by manufacturer to suit application.
- E. Bituminous Coating: Cold-applied asphalt emulsion complying with ASTM D 1187.
- F. Other Materials: Provide other materials, not specifically described, but required for a complete and proper installation.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, to verify actual locations, dimensions, and other conditions affecting performance of the Work.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

- A. Install in accordance with manufacturer's written instructions and requirements to provide performance as designed and to maintain warranties offered including watertightness.
- B. Metal Protection: Protect metals against galvanic action by separating dissimilar metals from contact with each other or with corrosive substrates by painting contact surfaces with bituminous coating or by other permanent separation as recommended by manufacturer.

3.4 PROTECTION AND REPAIR

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.
- C. Replace roof accessories that have been damaged or that cannot be successfully repaired by finish touchup or similar minor repair procedures.

END OF SECTION