

## SECTION 07711 – GUTTERING AND ACCESSORIES

### PART 1 GENERAL

#### 1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

#### 1.02 SUMMARY

This Section includes:

- A. Seamless, aluminum guttering.
- B. Inlet leaf gutter guards
- C. Downspouts and fittings.

#### 1.03 SUBMITTALS

- A. Manufacturer's product data for seamless guttering to include installation instructions.
- B. Samples: Provide for approval one (1) sample measuring twenty-four inches (24") of size, pattern and color of the guttering product to be installed.
- C. Product data for inlet leaf guards to include details of construction, dimensions, individual components, profiles and texture.

#### 1.04 QUALITY ASSURANCE

- A. Manufacturer's Qualifications: Provide seamless, aluminum guttering from a manufacturer with at least five (5) years experience in production of the product indicated.
- B. Installer's Qualifications: Install all seamless, aluminum guttering and accessories using an installer with at least five (5) years experience in the type work required.

#### 1.05 DELIVERY, STORAGE, AND HANDLING

- A. Deliver expendable materials to Project site in manufacturer's unopened bundles or containers with labels intact.
- B. Handle and store materials at Project site to prevent water damage, staining, or other physical damage. Comply with manufacturer's recommendations for job-site storage, handling, and protection.

#### 1.06 PROJECT CONDITIONS

- A. Weather Limitations: Proceed with installing guttering only when existing and forecasted weather conditions will permit work to be performed according to manufacturers' recommendations and warranty requirements.
- B. Access Limitations: Perform all work in an organized and systematic manner suitable to the conditions of the site. Provide protection as may be necessary for residents to be able to continue to access their residences at all times.

#### 1.07 WARRANTY

- A. Warranty: The special warranty specified in this Article shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by the Contractor under requirements

of the Contract Documents.

- B. Special Warranty: Submit written warranty(ies) signed by manufacturer and installer agreeing to repair or replace guttering and accessories that fail in materials or workmanship within two (2) years from date of Final Completion of the project.

## PART 2 PRODUCTS

### 2.01 SEAMLESS ALUMINUM GUTTERING

- A. Material: Aluminum sheet, minimum 0.027 inch thick, unless otherwise indicated.
- B. Finish: Baked-on enamel, white.
- C. Fasteners: "Hidden hanger" type, zinc coated, hex-head, screws; minimum 1-1/2" length, spaced maximum 30 inch center to center. Provide screws designed to prevent galvanic action with guttering material.
- D. Size: Five inch, nominal.
- E. Minimum slope: As recommended by manufacturer or required by code.

### 2.02 INLET LEAF GUARDS

- A. Material: Perforated aluminum sheet, minimum 0.027 inch thick, unless otherwise indicated.
- B. Fasteners: Rigid mounted with screws as recommended by manufacturer. Provide protection as may be required from the use of dissimilar materials.

### 2.03 DOWNSPOUTS AND FITTINGS

- A. Material: Aluminum sheet, minimum 0.032 inch thick, unless otherwise indicated.
- B. Finish: Baked-on enamel, white.
- C. Size: Three inch by four inch, nominal.
- D. Fasteners: Aluminum straps, wrapped three sides, to match downspouts. Secure fasteners to building face with drilled and set anchoring screws. Fastener spacing to be a maximum of six feet.

## PART 3 EXECUTION

### 3.01 EXAMINATION

- A. Examine substrate for compliance with requirements for substrates, installation tolerances, and other conditions affecting performance of guttering system. Do not proceed with installation until unsatisfactory conditions have been corrected.

### 3.02 PREPARATION

- A. Coordinate installation with other adjoining work to ensure proper sequencing. Do not install guttering until all fascia work and asphalt single installation has been performed in advance of the guttering work.
- B. Layout work areas to avoid to the extent practical continued use of premises by other trades and residents.

### 3.03 INSTALLATION

- A. General: Comply with manufacturer's instructions and recommendations and with all applicable codes.
- B. Install all horizontal guttering components for a single “wing” of the work prior to installing vertical components. Attach, fasten and seal all components as required for a first class and workmanlike installation.
- C. Install vertical components in a plumb and workmanlike manner. Verify alignments of all components prior to final attachment of fasteners. Terminate downspouts at a maximum height of six (6) inches above finished ground, or as directed by the Owner’s Representative.

### 3.04 ADJUSTING

- A. Replace any damaged materials installed under this Section with new materials that meet specified requirements.

END OF SECTION 07711

2019