

SECTION 07 62 00
ROOF EDGE SYSTEMS

PART 1 - GENERAL

New Section
6/5/14

1.1 SECTION INCLUDES

- A. Metal Fascia.
- B. Accessories.

1.2 RELATED SECTIONS

- A. Section 07 22 00 - Roof and Deck Insulation
- B. Section 07 50 00 - EPDM Roofing.
- C. Section 07 62 00 - Sheet Metal Flashing and Trim.

1.3 REFERENCES

- A. ANSI/SPRI ES-1 - Wind Design Standard for Edge Systems Used with Low Slope Roofing Systems.
- B. Factory Mutual Research Corporation Approval Guide.
- C. SPRI Single Ply Roofing Industry Standards.

1.4 SUBMITTALS

- A. Submit under provisions of Section 01 33 23.
- B. 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 methods.
- C. Shop Drawings: Show profiles, joining method, location of accessory items, anchorage and flashing details, adjacent construction interface, and dimensions.
- D. Selection Samples: For each finish product specified, two complete sets of color charts representing manufacturer's full range of available colors and patterns.
- E. Verification Samples: For each finish product specified, two sample chips representing actual product, color, and patterns.
- F. Manufacturer's Certificates: Certify products meet or exceed specified requirements.

1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing Products specified in this section with minimum twenty five years documented experience.
- B. Installer Qualifications: Company specializing in the installation of products specified in this section with minimum five years documented experience.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Store materials in a dry, protected, well-vented area.
- C. Remove protective plastic surface film immediately before installation.
- D. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of

local authorities having jurisdiction.

1.7 SEQUENCING

- A. Ensure that information required for installation of products of this section are furnished to affected trades in time to prevent interruption of construction progress.
- B. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.
- C. Coordinate installation with roof membrane manufacturer's installation instructions.

1.8 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 absolute limits.

1.9 WARRANTY

- A. Provide the manufacturer's warranty specified under products for the roof edge system, when installed per manufacturer's instructions. Warranty will not exceed the life of the roof membrane on which the product was originally installed.
- B. Provide a 30 year warranty for manufacturer approved 70 percent Kynar colors for the painted finish covering color fade, chalk, and film integrity.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Metal Era, Inc., which is located at: 1600 Airport Rd. ; Waukesha, WI 53188; Toll Free Tel: 800-558-2162; Tel: 262-549-6900; Fax: 800-373-9156; Email: [request info \(info@metalera.com\)](mailto:request_info@metalera.com); Web: www.metalera.com
- B. Requests for substitutions will be considered in accordance with provisions of Section 01 33 23.

2.2 ROOF EDGE PRODUCTS

- A. Anchor-Tite HG Fascia: Two-part assembly consisting of a continuous extruded aluminum bar and exterior fascia with fasteners.
 - 1. Construction:
 - a. Fascia Metal:
 - 1) .063 inch (1.6 mm) thick-formed aluminum.
 - b. Finish:
 - 1) Clear anodized aluminum.
 - c. Fascia: standard 12 feet 0 inches (3.65 m) lengths with matching concealed joint splice plates.
 - d. Extruded bar: Shall be continuous 6063-T6 alloy aluminum at 12 feet 0 inches (3.65 m) standard lengths with pre-punched slotted holes. All bar miters are welded.
 - 1) Injection Molded EPDM Bar Splice to allow thermal movement expansion of extruded aluminum anchor bar.
 - 2) Fasteners: 2 inch (51 mm) stainless steel with driver.
 - 2. Fully Adhered or Mechanically Attached Single-Ply Version:

- a. Model:
 - 1) HG-AF-55.
- b. Performance:
 - 1) Lifetime, 215 mph Wind Warranty.
 - 2) Tested per ANSI/SPRI ES-1 Standard to comply with the International Building Code.

2.3 ACCESSORIES

- A. Miters and end caps shall be fabricated by manufacturer to suit the conditions indicated on the Drawings.
- B. Provide fasteners consistent with manufacturer's instructions for each product that is suitable for the substrate to which it is being installed.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. Verify that the substrate is dry, clean and free of foreign matter.
- C. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

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.
- C. Verify the manufacturer's roof edge details for accuracy to fit the assembly prior to fabrication.

3.3 INSTALLATION

- A. Install in accordance with manufacturer's installation instructions.
- B. Use provided fasteners consistent with manufacturer's instructions, suitable for the substrate to which it is being installed.
- C. Install water cut-off, as recommended by the membrane manufacturer, under the anchor bar.

3.4 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION