

SECTION 07463
ALCOA ALUMINUM SOFFITS

1 PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Aluminum soffit.

1.2 RELATED SECTIONS

- A. Section 06100 - Rough Carpentry: Framing and Sheathing.
- B. Section 07260 - Vapor Retarders.
- C. Section 07900 - Joint Sealers.

1.3 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's standard printed product data and installation instructions for specified products.
- C. Selection Samples: Submit color chips of manufacturer's full range of colors for Architect's selection.
- D. Verification Samples: Submit three samples, each 12 inches in length, of each specified product in specified color.
- E. Regulatory Agency Compliance: Submit evidence of specified regulatory agency compliance.

1.4 QUALITY ASSURANCE

- A. Regulatory Requirements: Provide products that comply with the following:
 - 1. FHA Minimum Property Standard 4900.1 for One- and Two-Family Dwellings.
 - 2. FHA Minimum Property Standard 4910.1 for Multi-Family Dwellings.
 - 3. Department of Defense (DOD 4720.21) Specifications for Military Family Housing.
 - 4. International Conference of Building Officials (ICBO) Report No. 1478.
 - 5. Building Officials and Code Administrators International, Inc. (BOCA) Research Report No. 94-25.
 - 6. National Evaluation Service, NER-638.
 - 7. Texas State Board of Insurance, Ruling EC-27.

8. Dade County, Florida building code approval 98-1119.03.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Deliver products to project site in original packaging.
- B. Store products in original packaging, on flat surface under cover, stacked no more than 12 boxes high.

1.6 WARRANTY

- A. Provide manufacturer's lifetime limited warranty.

2 PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Alcoa Home Exteriors, Inc.; Omega Corporate Center, 1590 Omega Drive, Pittsburgh, PA 15205 Tel: (800) 962-6973. Email: alcoahomes@databanque.com. Website: www.alcoahomes.com.
- B. Requests for substitutions will be considered in accordance with provisions of Section 01600.
- C. Substitutions: Not permitted.

2.2 ALUMINUM SOFFIT PANELS

- A. Aluminum Soffit Panels: Pro-Guard Select Series Soffit panel SAS12219.
 1. Style: 12 inch (304.8 mm) wide panels, 3/8 inch (9.5 mm) deep, with double 5.5 inch (139.7 mm) wide faces forming V-grooves at 6 inches (152.4 mm) on center.
 2. Thickness: Nominal 0.019 inch (0.5 mm); aluminum alloy 3105-H26P:
 - a. Minimum Tensile Strength: 28,000 psi (1,968,596 g/sq cm).
 - b. Minimum Yield Strength: 25,000 psi (1,757,675 g/sq cm).
 3. Interlocking edges and elongated nailing hems.
 4. Finish: Alupalure 2000; two-phase operation including corrosion-inhibiting primer and baked-on high-performance acrylic topcoat.
 5. Color as selected by Architect from manufacturer's full line.
 6. Supply non-ventilating type soffit material.

2.3 ACCESSORIES

- A. Accessories: Aluminum of same thickness, finish, and color as siding.
Starter Strips.
 - 1. Outside Corner Posts.
 - 2. Inside Corner Posts.
 - 3. J-Channels.
 - 4. General Purpose Trim.

3 PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine substrate conditions before beginning installation of siding and soffit products; verify dimensions and acceptability of substrate.
- B. Do not proceed with installation until unacceptable conditions have been corrected.

3.2 INSTALLATION

- A. Installation of vapor retarder is specified in Section 07260.
- B. Install in accordance with manufacturer's printed installation instructions.
- C. Attach panels to substrate interlocked and lapped for weathertight installation, nails concealed; install horizontal components true to level and vertical components true to plumb.
- D. Space siding nails at 16 inches (406.4 mm) on center; center nails in nailing slots without binding to allow for thermal movement.
- E. Paint or otherwise protect dissimilar metals in contact.
- F. Installation of joint sealers is specified in Section 07900.

3.3 ADJUSTING AND CLEANING

- A. Clean dirt from surface of installed products, using mild soap and water.
- B. After completing installation, remove from project site excess materials and debris resulting from installation.

...END OF SECTION