

SECTION 074635 – VINYL SOFFIT

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:

- 1. Vinyl soffit.

- B. Related Sections:

- 1. Division 06 Section "Rough Carpentry" for wood furring, grounds, nailers, and blocking.
 - 2. Division 06 Section "Sheathing" for wall sheathing.
 - 3. Division 06 Section "Exterior Finish Carpentry" for non-vinyl sidings and for exterior trim.
 - 4. Division 07 Section "Self-Adhering Sheet Waterproofing" for substrate flashings and transitions.
 - 5. Division 07 Section "Water Resistive Barrier / Air Barrier" for weather barrier substrate.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product indicated. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes.

- 1. For vinyl siding, include VSI's official certification logo printed on product data.

- B. Samples for Initial Selection: For siding and soffit including related accessories.

- C. Samples for Verification: For each type, color, texture, and pattern required.

- 1. 12-inch- (300-mm-) long-by-actual-width Sample of siding.
 - 2. 12-inch- (300-mm-) long-by-actual-width Sample of soffit.

1.4 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For qualified vinyl siding Installer.

- B. Product Certificates: For each type of siding and soffit, from manufacturer.

- C. Product Test Reports: Based on evaluation of comprehensive tests performed by a qualified testing agency, for fiber-cement siding.
- D. Florida Product approval documents for each type soffit product required..
- E. Research/Evaluation Reports: For each type of siding required, from the ICC.
- F. Warranty: Sample of special warranty.

1.5 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For each type of siding and soffit and related accessories to include in maintenance manuals.

1.6 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 - 1. Furnish full lengths of siding and soffit including related accessories, in a quantity equal to 2 percent of amount installed.

1.7 QUALITY ASSURANCE

- A. Vinyl Siding Installer Qualifications: A qualified installer who employs a VSI-Certified Installer on Project.
- B. Vinyl Siding Certification Program: Provide vinyl siding products that are listed in VSI's list of certified products.
- C. Source Limitations: Obtain each type, color, texture, and pattern of siding and soffit, including related accessories, from single source from single manufacturer.
- D. Preinstallation Conference: Conduct conference at Project site.

1.8 DELIVERY, STORAGE, AND HANDLING

- A. Store materials in a dry, well-ventilated, weathertight place.

1.9 COORDINATION

- A. Coordinate installation with flashings and other adjoining construction to ensure proper sequencing.

1.10 WARRANTY

- A. Special Warranty: Standard form in which manufacturer agrees to repair or replace siding and soffit that fail(s) in materials or workmanship within specified warranty period.
 - 1. Failures include, but are not limited to, the following:
 - a. Structural failures including cracking, deforming, and fading.
 - 2. Fading is defined as loss of color, after cleaning with product recommended by manufacturer, of more than 4Hunter color-difference units as measured according to ASTM D 2244.
 - 3. Warranty Period: 25 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 VINYL SOFFIT

- A. General: Integrally colored vinyl soffit complying with ASTM D 4477.
 - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. CertainTeed Corp. – “Invisivent triple 3-1/3” - Basis of Design
 - b. Crane Performance Siding.
 - c. Heartland Building Products.
 - d. Kaycan Ltd.
- B. Pattern: 12-inch (300-mm) exposure in V-grooved, triple, 6-inch (152-mm) board style providing a minimum of 10” net free area per square foot.
- C. Texture: Wood Grain.
- D. Ventilation: Provide vented soffit unless otherwise indicated.
- E. Nominal Thickness: 0.044 inch (1.1 mm).
- F. Minimum Profile Depth: 1/2 inch (13 mm).
- G. Colors: As selected by Architect from manufacturer's full range of industry colors.

2.2 ACCESSORIES

- A. Siding Accessories, General: Provide starter strips, edge trim, outside and inside corner caps, and other items as indicated on drawings.
 - 1. Provide accessories matching color and texture of adjacent siding unless otherwise indicated.

- B. Vinyl Accessories: Integrally colored vinyl accessories complying with ASTM D 3679 except for wind-load resistance.
 - 1. Texture: Wood grain
- C. Flashing: Provide aluminum flashing complying with Division 07 Section "Sheet Metal Flashing and Trim" at window and door heads and where indicated.
- D. Fasteners:
 - 1. For fastening to wood, use siding nails of sufficient length to penetrate a minimum of 1 ¼ inch minimum into substrate.
 - 2. For fastening vinyl, use hot-dip galvanized fasteners. Where fasteners will be exposed to view, use prefinished aluminum fasteners in color to match item being fastened.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates for compliance with requirements for installation tolerances and other conditions affecting performance of siding and soffit and related accessories.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Clean substrates of projections and substances detrimental to application.

3.3 INSTALLATION

- A. General: Comply with siding and soffit manufacturer's written installation instructions applicable to products and applications indicated unless more stringent requirements apply.
 - 1. Do not install damaged components.
 - 2. Center nails in elongated nailing slots without binding siding to allow for thermal movement.
- B. Install vinyl siding and soffit and related accessories according to ASTM D 4756.
 - 1. Install fasteners for horizontal vinyl siding no more than 16 inches (400 mm) o.c.
 - 2. Install fasteners for vertical vinyl siding no more than 12 inches (300 mm) o.c.
- C. Install joint sealants as specified in Division 07 Section "Joint Sealants" and to produce a weathertight installation.

3.4 ADJUSTING AND CLEANING

- A. Remove damaged, improperly installed, or otherwise defective materials and replace with new materials complying with specified requirements.
- B. Clean finished surfaces according to manufacturer's written instructions and maintain in a clean condition during construction.

END OF SECTION 074633