

SECTION 074633 – 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.
- 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.~~ Retain one or both subparagraphs below if required.
 - 2. 12-inch- (300-mm-) long-by-actual-width Sample of soffit.

1.4 INFORMATIONAL SUBMITTALS

- A. Product Certificates: For each type of soffit, from manufacturer.
- ~~B.~~ Product Test Reports: Based on evaluation of comprehensive tests performed by a qualified testing agency.
- C. Research/Evaluation Reports: For each type of siding required, from the ICC.

- D. 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, soffit vent drip and soffit including related accessories, in a quantity equal to 2 percent of amount installed.

1.7 DELIVERY, STORAGE, AND HANDLING

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

1.8 COORDINATION

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

1.9 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 4 Hunter 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 31/3” - 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.

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.
- B. Install vinyl soffit and related accessories according to ASTM D 4756 and manufacturer's written instructions.
- 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