

SECTION 074646 - FIBER-CEMENT SIDING

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes fiber-cement rainscreen mounted on furring strips with reveal soffit.

1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Samples: For fiber-cement siding breezeway wall and soffit including trim profiles.

1.3 INFORMATIONAL SUBMITTALS

- A. Sample warranty.

1.4 CLOSEOUT SUBMITTALS

- A. Maintenance data.

1.5 QUALITY ASSURANCE

1.6 WARRANTY

- A. Special Warranty: Manufacturer agrees to repair or replace products that fail in materials or workmanship within specified warranty period.
 - 1. Warranty Period: 25 years from date of Final Acceptance.

PART 2 - PRODUCTS

2.1 FIBER-CEMENT SIDING

- A. Rainscreen . General: ASTM C 1186, Type A, Grade II, fiber-cement board, noncombustible when tested according to ASTM E 136; with a flame-spread index of 25 or less when tested according to ASTM E 84. BASIS OF DESIGN: NichiPanel.
 - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. American Fiber Cement Corporation.

- b. CertainTeed Corporation; Saint-Gobain North America.
- c. GAF.
- d. James Hardie Building Products, Inc.
- e. Nichiha Architectural Panels.

- B. Nominal Thickness: Not less than 5/16 inch.
- C. Reveal: 1/4 inch
- D. Panel Size: 48 inches wide and 144 inches tall.
- E. Panel Texture: wide sheets with smooth
- F. Factory Priming: Manufacturer's standard acrylic primer.

2.2 FIBER-CEMENT SOFFIT

- A. General: ASTM C 1186, Type A, Grade II, fiber-cement board, noncombustible when tested according to ASTM E 136; with a flame-spread index of 25 or less when tested according to ASTM E 84.
 - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. American Fiber Cement Corporation.
 - b. CertainTeed Corporation; Saint-Gobain North America.
 - c. GAF.
 - d. James Hardie Building Products, Inc.
 - e. Nichiha Architectural Panels.
 - B. Nominal Thickness: Not less than 5/16 inch.
 - C. Pattern: 48" wide sheets with smooth texture.
 - D. Factory Priming: Manufacturer's standard acrylic primer.

2.3 ACCESSORIES

- A. Flashing: Provide aluminum flashing complying with Section 076200 "Sheet Metal Flashing and Trim" at window and door heads and where indicated.
 - 1. Finish for Aluminum Flashing complying with Section 076200 Sheet Metal Flashing and Trim" at window and door heads where indicated: Factory-prime coating .
- B. Fasteners:
 - 1. Corrosion resistant fasteners, such as hot-dipped galvanized nails and stainless steel screws appropriate to local building codes and practices must be used. Use stainless steel fasteners in high humidity and high-moisture regions. Do not use aluminum fasteners, staples, clipped head nails or fasteners that are not rated or designed for the intended use.

Refer to Manufacturer's instructions for appropriate fasteners for construction method used.

- C. Continuous Soffit Vents: Aluminum, hat-channel shape.
 - 1. Finish: Mill finish .

PART 3 - EXECUTION

3.1 INSTALLATION

- A. General: Comply with manufacturer's written installation instructions applicable to products and applications indicated unless more stringent requirements apply.
 - 1. Install fasteners no more than 16" o.c.

3.2 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 074646