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Guide Specification

Specifier Notes: This guide specification is written in Construction Specifications Institute (CSI) 3-Part Format in accordance with *The CSI Construction Specifications Practice Guide, MasterFormat, SectionFormat, and PageFormat*.

This Section must be carefully reviewed and edited by the Architect to meet the requirements of the Project and local building code. Coordinate this Section with Conditions of the Contract, Division 01, other specification sections, and the Drawings. Delete all Specifier Notes after editing this Section.

Section numbers and titles are based on *MasterFormat 2018 Edition*.

SECTION 06 84 00

COMPOSITE RAIN SCREEN FURRING STRIPS

Specifier Notes: This Section covers Advanced Building Products, Inc. "Watairvent" composite rain screen furring strips. Consult Advanced Building Products, Inc. for assistance in editing this Section as required for the Project.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Composite rain screen furring strips.

1.2 RELATED REQUIREMENTS

Specifier Notes: Edit the following list of related sections as required for the Project. Limit the list to sections with specific information that the reader might expect to find in this Section, but is specified elsewhere.

- A. Section 06 10 00 – Rough Carpentry.

- B. Section 07 27 00 – Air Barriers.
- C. Section 07 46 00 – Siding.

1.3 PREINSTALLATION MEETINGS

Specifier Notes: Edit the Preinstallation Meetings article as required for the Project. Delete this article if not required.

- A. Convene preinstallation meeting [1 week] [2 weeks] before start of installation of composite rain screen furring strips.
- B. Require attendance of parties directly affecting Work of this Section, including Contractor, Architect, and installer.
- C. Review the Following:
 - 1. Materials.
 - 2. Installation.
 - 3. Protection.
 - 4. Coordination with other Work.

1.4 SUBMITTALS

Specifier Notes: Edit the Submittals article as required for the Project. Delete submittals not required.

- A. Submittals: Comply with Division 01.
- B. Product Data: Submit manufacturer's product data, including installation instructions.
- C. Samples: Submit manufacturer's sample of composite rain screen furring strips.
 - 1. Sample Size: Minimum 12 inches long.
- D. Manufacturer's Certification: Submit manufacturer's certification that materials comply with specified requirements and are suitable for intended application.
- E. Manufacturer's Project References: Submit manufacturer's list of 5 successfully completed composite rain screen furring strip projects of similar size and scope to this Project, including project name and location, name of architect, and type and quantity of furring strips furnished.
- F. Warranty Documentation: Submit manufacturer's standard warranty.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Delivery Requirements: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage and Handling Requirements:

1. Store and handle materials in accordance with manufacturer's instructions.
2. Keep materials in manufacturer's original, unopened containers and packaging until installation.
3. Store materials in clean areas, protected from exposure to harmful weather conditions.
4. Do not store materials directly on ground.
5. Store materials out of direct sunlight.
6. Keep materials from freezing.
7. Protect materials during storage, handling, and installation to prevent damage.

1.6 AMBIENT CONDITIONS

- A. Do not install composite rain screen furring strips under ambient conditions outside manufacturer's limits.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturer: Advanced Building Products, Inc., 95 Cyro Drive, Sanford, Maine 04073. Toll Free 800-252-2306. Fax 207-490-2998. www.advancedbuildingproducts.com. info@advancedbuildingproducts.com.

Specifier Notes: Specify if substitutions will be permitted.
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- B. Substitutions: [Not permitted] [Comply with Division 01].
- C. Single Source: Provide materials from single manufacturer.

2.2 MATERIALS

- A. Composite Rain Screen Furring Strips: "Watairvent" composite rain screen furring strips.
 1. Material:
 - a. Mold-resistant, nonabsorptive, composite material.
 - b. Solid core.
 - c. Will not become brittle and crack during cold weather.
 2. Channels:
 - a. Dual vertical and horizontal channels on front and back.
 - b. Vertical Channels: Allow for proper drainage of moisture and ventilation from back of wall cladding to front of wall sheathing.
 - c. Horizontal Channels: Allow for cross ventilation.
 3. Dimensions:
 - a. Thickness: 3/8 inch.
 - b. Width: 1-3/4 inches.
 - c. Length: 8'-0".
 4. Fastening Slots: Allow for differential movement during installation.
 5. Color: White.

- B. Wood Furring Strips: Not acceptable.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine surfaces to receive composite rain screen furring strips.
- B. Verify surfaces to support composite rain screen furring strips are clean, dry, flat, plumb, and stable.
- C. Notify Architect of conditions that would adversely affect installation.
- D. Do not begin installation until unacceptable conditions are corrected.

3.2 INSTALLATION

- A. Install composite rain screen furring strips in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install composite rain screen furring strips plumb and level.
- C. Install composite rain screen furring strips horizontally at base and top of walls around perimeter in accordance with manufacturer's instructions.
- D. Install composite rain screen furring strips vertically at spacing to align with wood studs.
- E. Install composite rain screen furring strips at windows, doors, and corner trim in accordance with manufacturer's instructions.
- F. Gaps: Leave gaps between vertical and horizontal furring strips in accordance with manufacturer's instructions to allow for differential movement.
- G. Fasteners: Fasten composite rain screen furring strips with fasteners in accordance with manufacturer's instructions.

3.3 PROTECTION

- A. Protect installed composite rain screen furring strips from damage during construction.

END OF SECTION