

Coordinate this article with Architect's and Contractor's duties and responsibilities in Conditions of the Contract and Division 1 Submittal Procedures Section.

1.03 SUBMITTALS

- A. General: Submit listed submittals in accordance with Conditions of the Contract and Division 1 Submittal Procedures.
- B. Product Data: Submit manufacturer's product data and installation instructions for snap-on wallboard clips. Include assembly instructions for possible fire ratings.
- C. Drawings:
 - 1. Submit shop drawings detailing installation procedures, including layout, dimensions and connections.
- D. Quality Assurance:
 - 1. Certificates: Product certificates signed by manufacturer certifying materials comply with specified performance characteristics and criteria and physical requirements.
 - 2. Manufacturer's Instructions: Manufacturer's installation instructions.

Specifier Note: Coordinate paragraph below with Part 3 Field Quality Requirements Article. Retain or delete as applicable.

- E. Manufacturer's Field Reports: Indicate and interpret test results for compliance with performance requirements.
- F. Closeout Submittals: Submit the following:
 - 1. Warranty: Warranty documents specified herein.

1.04 QUALITY ASSURANCE

- A. Qualifications:
 - 1. Installer experienced in performing work of this section who has specialized in installation of work similar to that required for this project.
 - 2. Manufacturer Qualifications: Manufacturer capable of providing field service representation during installation, approving acceptable installer and approving method of installation.
 - 3. Fabricator Qualifications: Fabrication performed in quality controlled manufacturing environment by experienced fabricators.
- B. Preinstallation Meetings: Conduct preinstallation meeting to verify project requirements, manufacturer's installation instructions and manufacturer's warranty requirements. Comply with Division 1 Project Management and Coordination (Project Meetings) Section.

1.05 PERFORMANCE REQUIREMENTS

- A. Provide detailed installation instructions for fire-rated assemblies to maintain performance criteria stated by manufacturer.

1.06 DELIVERY, STORAGE & HANDLING

- A. General: Comply with Division 1 Product Requirements Section.
- B. Ordering: Comply with manufacturer's ordering instructions and lead time requirements to avoid construction delays.
- C. Delivery, Storage and Protection:
 - 1. Deliver materials in original sealed manufacturer's packaging.
 - 2. Store materials in dry, secure location.
 - 3. Store in accordance with manufacturer's written instructions.

Specifier Note: Coordinate article below with Conditions of the Contract and with Division 1 Closeout Submittals (Warranty) Section.

1.07 WARRANTY

- A. Project Warranty: Refer to Conditions of the Contract for project warranty provisions.
- B. Manufacturer's Warranty: Submit, for Owner's acceptance, manufacturer's standard warranty document executed by authorized company official. Manufacturer's warranty is in addition to, and not a limitation of, other rights Owner may have under Contract Documents.

instructions and product carton installation instructions.

3.02 EXAMINATION

- A. Site Verification of Conditions:
 - 1. Verify substrate conditions are acceptable for product installation in accordance with manufacturer's instructions.
 - 2. Examine area to receive snap-on wallboard clips for compliance with installation clearances.

3.03 INSTALLATION

- A. Install in compliance with manufacturer's product data, including product technical bulletins, application and installation instructions.

Specifier Note: The following 3 sentences apply for 1-, 2-, 3- and 4-hour fire ratings.

- B. Clip snap-on wallboard clips to structural member 1 1/4 inch (32 mm) from top, 1 1/4 inch (32 mm) from bottom and 4' 0" (1219 mm) oc.
- C. Center support angle over clips. When splicing angles, place joint over beam clips.
- D. Attach gypsum board to support angle 1 1/4 inch (32 mm) from top, 1 1/4 inch (32 mm) from bottom and 12 inches (305 mm) oc with 1 inch (25.4 mm) long self-drilling, self-tapping Type S steel screws.

Specifier Note: Include following sentence for 2-, 3- and 4-hour fire ratings.

- E. Attach second layer gypsum board 1 1/4 inch (32 mm) from top, 1 1/4 inch (32 mm) from bottom and 12 inches (305 mm) oc with 1 5/8 inch (41 mm) long, self-drilling, self-tapping Type S steel screws.

Specifier Note: Include following sentence for 3- and 4-hour fire ratings.

- F. Center support angle over assembly and attach third layer gypsum board starting 9 inches (229 mm) from bottom of column and at 12 inches (305 mm) oc with 1 inch (25.4 mm) long self-drilling, self-tapping Type S steel screws. Place screws minimum 1 inch (25.4 mm) and maximum 1 1/4 inch (32 mm) from edge of board.

Specifier Note: Include following sentence for 4-hour fire rating.

- G. Attach fourth layer gypsum board starting 6 inches (152 mm) from bottom of column and at 12 inches (305 mm) oc with 1 5/8 inch (41 mm) long self-drilling, self-tapping Type S steel screws. Place screws minimum 1 inch (25.4 mm) and maximum 1 1/4 inch (32 mm) from edge of board.
- H. Attach corner bead to gypsum board starting 6 inches (152 mm) from bottom of column and at 12 inches (305 mm) oc with 4d x 1 3/8 inch (35 mm) nails. Place nails minimum 3/4 inch (19.1 mm) and maximum 1 1/8 inch (29 mm) from edge of board.
- I. Cover corner bead with one layer of joint compound.

3.04 FIELD QUALITY CONTROL

Specifier Note: Use the following Articles only when manufacturer's field services are desired to verify the quality of the installed components. Establish the number and duration of periodic site visits required by Manufacturer and specify below. Consult Manufacturer for services required. Delete if field services are not required.

- A. Have manufacturer of products supplied under this Section review Work involved in handling, installation/application and protection of its product[s], and submit written reports in acceptable format to verify compliance of Work with Contract.
- B. Protect installed product from damage during construction.

3.05 COMPLETION & CLEANUP

- A. After installation, inspect product for any damage. Repair or replace damaged installed products.
- B. On completion and verification of performance of installation, remove surplus materials, excess materials, rubbish, tools and equipment.

END OF SECTION