

GORDON HOOK-ON CEILING PANEL SYSTEMS

SECTION 09 51 00

PART 1 – GENERAL

1.01 SECTION INCLUDES:

- A. This section includes Hook-On Metal Ceiling Panels as shown on the Architectural Drawings.
- B. Related sections include the following: (list applicable sections).

1.02 RELATED DOCUMENTS/SECTIONS:

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions.
- B. Division 1 Specification sections apply to work of this Section.
- C. Finish Schedule or Finish Legend apply to work of this Section.

1.03 REFERENCES:

- A. GENERAL
 - 1. Comply with applicable requirements of the following, except where more stringent requirements are indicated by building codes.
- B. ASTM (American Society for Testing and Materials)
 - 1. ASTM C635, Standard Specifications for Metal Suspension Systems for Acoustical Tile and Lay-In Panel Ceilings.
 - 2. ASTM C636, Recommended Practice for Installation of Metal Suspension System for Acoustical Tile and Lay-In Panels.
- C. CISCA Ceiling Systems Installation Handbook.

1.04 DESIGN/PERFORMANCE REQUIREMENTS:

- A. All components of the Hook-On Ceiling System shall be provided by one (1) Manufacturer to ensure single source responsibility and quality control.
- B. The Gordon, Inc. Hook-On Ceiling System can be provided as a flat, sloped, or segmented shape to create a radius appearance and provided in any overall length or width. The system consists of extruded aluminum Main Tees. Hook-On panels as specified are progressively installed and hooked onto grid system. Stabilizer bars are installed at a maximum of 36" O.C. onto the extruded aluminum tees.

1.05 SUBMITTALS:

- A. Submission must be made within ten (10) working days of the General Contract Award to avoid project delay.
- B. Product Data: Submit Manufacturer's Hook-On Ceiling System product specifications, detail Drawings, and Installation Instructions for each component required.

- C. Shop Drawings shall show location of Hook-On Ceiling System as well as Panel type, finish, tolerances, and Panel size.
- D. Samples:
 - 1. Submit three (3) samples consisting of Tees and Panels. Provide Perimeter Trim sample as required.
- E. Certification: Submit certification from Manufacturer of Ceiling Panels attesting that products comply with specified requirements including finish as specified.
- F. Qualification Data:
 - 1. Firms specified in "Quality Assurance" Article must demonstrate their capabilities and experience by including lists of completed projects with project names and addresses, names and addresses of Architects and owners, and other information specified.
- G. Warranty:
 - 1. Provide product warranty for one (1) year from date of material shipment.

1.06 QUALITY ASSURANCE:

- A. Manufacturer: Furnish components from one (1) Manufacturer with a minimum of ten (10) years of experience in the fabrication of extruded aluminum ceiling specialties, utilizing systems, materials, and techniques as herein specified.
- B. Installer: Firm with not less than three (3) years of successful experience in the installation of systems similar to those required by this project and acceptable to Manufacturer of the system.

1.07 PRODUCT DELIVERY, STORAGE AND HANDLING:

- A. All materials shall be protected during fabrication, shipment, site storage, and erection to prevent damage from other trades. Store Hook-On Ceiling System and components inside a well-ventilated area, away from uncured concrete and masonry, and protected from the weather, moisture, soiling, abrasion, extreme temperatures, and humidity.

1.08 SEQUENCING:

- A. Substitute Products: Alternate proposals for substitute products will not be accepted unless approval is issued in addenda.
- B. Contract Execution: Submittals shall be completed and approved prior to award of subcontract for system components.
- C. Manufacturer's Production Schedule: Sub-contract for the work of this section shall be planned to allow sufficient time for Manufacturer's production and delivery scheduling.

1.09 WARRANTY:

- A. Furnish Manufacturer's:
 - 1. Warranty that materials furnished will perform as specified for a period of not less than one (1) year from date of material shipment when installed in accordance with Manufacturer's recommendations.

PART 2 - PRODUCTS

2.01 MANUFACTURERS:

- A. Acceptable System: Hook-On Ceiling Panel Systems shall be manufactured by Gordon, Inc. For all inquiries contact, Gordon, Inc., 5023 Hazel Jones Road, Bossier City, LA 71111, (800) 747-8954.
- B. The listed Manufacturer shall not be construed as closing specifications to other prospective Manufacturers, but rather as establishing a level of quality in a metal system. Other systems may be submitted for approval, as provided for in the specifications at least ten (10) working days prior to submission of bids. Companies desiring to submit a proposal shall submit all descriptive information of the system proposed including photographs and Shop Drawings of at least three (3) projects similar in detail and scope.

2.02 PRODUCT CONSTRUCTION:

- A. Hook-On Ceiling System shall be manufactured of aluminum components. Suspension components shall be extruded aluminum of standard 6063 T5/T6 aluminum alloy.
- B. Materials:
 - 1. Hook-On Ceiling System suspension shall be manufactured with extruded aluminum components. Grid and stabilizer components shall be of standard 6063 T5/T6 aluminum alloy.
 - 2. Panels shall be aluminum 3003-H14 with minimum thickness of 0.040". Panel to be chosen from manufacturer's full range of perforation options. Grid is secured in place with stabilizer bars according to Panel size. Panel pattern and module size as specified. When perforated, the Panels will have a non-perforated border, size of which to be determined.
- C. Optional Accessories:
 - 1. Extruded aluminum wall angle specified as per the options on the Gordon, Inc. website under the wall angle section for Interiors.
 - 2. Other perimeter trims available as specified.
 - 3. Black sound absorbing non-woven fabric backer or PVC wrapped acoustical pad is also available as specified. Contact factory for suitability with specified panel.
- D. General: Provide metals free from surface blemishes where exposed to view in finished unit. Surfaces that exhibit pitting, seam marks, roller marks, stains, and discolorations, or other imperfections on finished units are not acceptable. All metal shall be of the highest-grade commercial type.

2.03 FINISHES:

- A. Finishes
 - 1. Extrusions and panels shall receive 5-stage pretreatment with dried-in-place conversion coating prior to receiving an electrostatically applied AAMA 2604 or AAMA 2605 compliant powder coating finish.
 - 2. All cut edges, including perforated holes, must be coated. Finish shall oven baked to ensure complete curing, paint adhesion, and uniform surface hardness.

3. Paint color to be selected from Gordon Inc.'s list of Standard colors (custom colors also available).
- B. Panels may have a factory-applied wood-look finish:
 1. Laminated Wood-Look Films – Series 1
 2. Laminated Wood-Look Films – Series 2
 3. Wood-Look Paints

2.04 FABRICATION:

- A. Provide factory Main Tees with splicing features.
- B. Panels have up-turned edges. Panels are formed to the specified module or to meet project parameters.
- C. Furnish stabilizer bars as per Panel/module size requirements.
- D. Provide necessary hardware for system as required.
- E. Provide optional accessories as specified.

PART 3 - EXECUTION

3.01 EXAMINATION:

- A. Examination of Surfaces: Installer must examine conditions under which work is to be performed and must notify Contractor in writing of unsatisfactory conditions.
- B. Verify that field measurements and block-out dimensions are as shown on Shop Drawings.

3.02 PREPARATION:

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the Manufacturer to achieving the best result for the project conditions.

3.03 INSTALLATION:

- A. General: Comply with Manufacturer's printed instructions, governing regulations for Seismic Codes, and the Ceiling & Interior Systems Construction Association Standards applicable to work.
- B. Space Enclosure: Do not install any work until space is enclosed and weatherproofed, wet-work in space is completed and nominally dry, work above ceilings is complete, and temperature and humidity shall be continuously maintained at values near those of final occupancy.

3.04 CLEANING:

- A. Follow Manufacturer's cleaning instructions for specified finish.

3.05 PROTECTION:

- A. Procedures: Protection of Hook-On Ceiling Systems from damage by other trades after installation to be provided by General Contractor.

- B. Damage to Finished Work: Finished units shall be without damage. Damage shall be repaired by the Contractor at the expense of the party damaging the material, as in accordance with the contract requirements.

END OF SECTION