

Guideline Specifications

GORDON HOOK-ON CEILING SYSTEM
DIVISION 09510

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the contract, including general conditions, supplementary conditions and Division-1 General requirements, apply to work of this section.

1.2 SYSTEM DESCRIPTION

- A. The GORDON HOOK-ON CEILING SYSTEM can be provided as a flat, sloped, or segmented shape to create a radiused 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.

1.3 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.
- 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.

1.4 REFERENCES

- A. ASTM C635, Standard Specifications for Metal Suspension Systems for Acoustical Tile and Lay-In Panel Ceilings.
- B. ASTM C636, Recommended Practice for Installation of Metal Suspension System for Acoustical Tile and Lay-In Panels.
- C. CISCA Ceiling Systems Installation Handbook.

1.5 SUBMITTALS

- A. Product Data: Submit manufacturer's HOOK-ON CEILING SYSTEM product specifications, detail drawings, and installation instructions for each component required.
- B. Submission: Must be made within ten (10) working days of the General Contract Award to avoid project delay. If not adhered to, architect will designate exact product to be used and the contractor will have no recourse.
- C. Samples: Submit three (3) samples consisting of tees, curved as required, with panels and hold down clips attached. Provide perimeter trim sample as required.
- D. Shop Drawings: To include location of HOOK-ON CEILING SYSTEM, as well as, panel type, finish, tolerances, and panel size.

1.6 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.

1.7 WARRANTY

- A. General: Submit manufacturer's warranty that materials furnished will perform as specified for a period of not less than one (1) year when installed in accordance with manufacturer's recommendations.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURER

- A. HOOK-ON CEILING SYSTEM shall be manufactured by Gordon Interior Specialties Division, Gordon, Inc., 5023 Hazel Jones Rd., Bossier City, LA 71111, (800) 747-8954, sales@gordon-inc.com.
- 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 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 projects similar in detail and scope.

2.2 PRODUCT CONSTRUCTION

- A. HOOK-ON CEILING SYSTEM shall be manufactured of aluminum components. Suspension components shall be extruded aluminum of standard 6063 T-5/T-6 aluminum alloy.

2.3 MATERIALS

- A. HOOK-ON CEILING SYSTEM suspension shall be manufactured with extruded aluminum components. Grid and stabilizer components shall be of standard 6063 T-5/T-6 aluminum alloy.
- B. Panels shall be aluminum 3003. 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 following options:
<http://www.gordon-inc.com/interiors/grid/wallangles.aspx>
2. Other perimeter trims available as specified.
3. Black sound absorbing non-woven fabric backer - NRC .70-.85 or PVC wrapped acoustical pad is also available as specified. Contact factory for suitability with specified panel.

2.4 FABRICATION

- A. Provide factory main tees with splicing features.
- B. Panels have up-turned edges. Panels are formed to 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.

2.5 FINISHES

- A. Factory finishing is to be manufacturer's standard color. All panels receive a micro-etched pretreatment prior to receiving an electro-statically applied Acrylic-Polyester hybrid powder coat paint finish.
Choose from:
 - a. Powder Coat
 - b. ACROGUARD[®] Powder Coat
 - c. ACROGUARD[®]-UVX Exterior Powder CoatOR
- B. GreenWood™ Wood Grain Films selected from manufacturer's standard selection:
<http://www.gordon-inc.com/interiors/finishes/greenwood/greenwood.aspx>

PART 3 - EXECUTION

3.1 INSPECTION

- 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.

3.2 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.

3.3 CLEANING

- A. Cleaning of factory-finished parts, if necessary, should be accomplished with a detergent solution such as TSP-90 or Ivory.

3.4 PROTECTION

- A. Procedures: Care should be taken during the remainder of construction to protect HOOK-ON CEILING SYSTEM from damage.
- 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.

3.5 GENERAL RESPONSIBILITY

- A. Variation from specification: Any variation from this specification resulting in additional cost to any other contractor or subcontractor on this project shall be the sole financial responsibility of the contractor for the work of this section.