

SECTION 09840
METAL WALL PANELS AC-740
(FLAT OR CURVED APPLICATION)

PART 1: GENERAL

- 1.01 RELATED DOCUMENTS
- A. All of the contract documents, including General and Supplementary Conditions and Division 1 General requirements, apply to the work of this section.
- 1.02 WORK INCLUDED
- A. Provide metal wall panels as indicated on drawings and as specified. Work of this section includes, but not limited to:
 - 1. metal wall panel
 - 2. mounting method
 - 3. optional: perforations & acoustical backing
- 1.03 RELATED WORK
- A. Examine Contract Documents for requirements that affect work of this Section. Other Specification Sections that relate directly to work of this section include, but are not limited to:
 - 1. Section 09250; GYPSUM DRYWALL
 - 2. Division 15 – MECHANICAL; sprinkler, grilles and diffusers located in walls.
 - 3. Division 16 – ELECTRICAL: exit lights, light fixtures, speakers, switches and electrical outlets located in walls.
- 1.04 QUALITY ASSURNACE
- A. Standards: ASTM
 - B. Installation is to comply with all local building codes.
 - C. It is the responsibility of the contractor to coordinate installation with other trades.
- 1.05 SUBMITTALS
- A. Procedures: Make submittals in accordance with Section 01300
 - B. Product Data: Submit manufacturer's product specifications and installation instructions for each wall material required. For each type of panel, include certified laboratory test reports and other data as may be required to show compliance with the documents.
 - C. Samples: Submit 3 each representative samples of each material that is to be exposed in the finished work. Include full range of colors and finishes.
 - D. Shop Drawings: Submit shop drawings showing location and size of each panel Drawings shall clearly show the following
 - 1. Floor plan of each room to receive wall panels. Clearly indicate location of panels to be installed.
 - 2. Elevation of each wall to receive metal panels. Show number of panels, dimensions of panels and any penetrations of wall panels.
 - 3. Complete installation details.
- 1.06 DELIVERY, STORAGE AND HANDLING
- A. Deliver materials and products in unopened factory labeled packages. Contractor to inspect all materials immediately upon arrival and notify manufacturer of damage or material shortage.
 - B. Material is to be stored and handled in strict compliance with manufacturer's instructions and recommendations. Protect material from damage, moisture and direct sunlight. Sequence deliveries to avoid delays but minimize on-site storage,
- 1.07 PROJECT CONDITIONS
- A. Commence installation of materials only when conditions are within the limits established by the manufacturer. If job site conditions do not meet minimum requirements installation contractor is to notify General Contractor in writing of said conditions.
 - B. All other work required in room to receive metal wall panels is to be completed prior to installation of panels.
- 1.08 EXTRA MATERIALS
- A. Provide packaged, wrapped and labeled maintenance stock equal to 2% of
The actual quantity installed for the following items of work
 - 1. Each type of ceiling panel
 - 2. Each type of main runner, cross runner and wall angle.

PART 2: PRODUCTS

- 2.01 METAL WALL SYSTEM: Shall be **AC-740** as manufactured by **Accent Ceilings and Walls Los Angeles, CA (800) 816-8803 www.accentceilings.com**. Other manufacturers must be approved by architect prior to bid date. Equivalency will be based upon **ISO Certification** of manufacturing tolerances.
- 2.02 MATERIALS
- A. AC-740 panel edges extruded aluminum frame, 1 5/8" high. Panels shall be mounted to concealed zee track direct to drywall or ridged backer. Panel sizes shall be _____ x _____ or as shown on drawings.
 - B. Panels to be manufactured from .040 aluminum back sheet faced with selected SureWood Collection. Factory assembled panel. Factory curved to radius if required. Defects or marks on face of panel will not be acceptable.
 - C. Finish: Selected from the SureWood Collection.
 - D. Perforation (if required). Panels are to be perforated with _____ hole _____ on center for a _____% open area or selected from manufacturers standards. Specify if non-perforated border is required.
 - E. Acoustical backing (if required). Backing to be medium density fiberglass core; 1", 2", 3" or 4" thick. Black in color. Factory installed to back of metal panel, to provide a _____ NRC.
 - F. Mounting system.
 - 1. Concealed zee track. Continuous aluminum zee track secured to wall or ridged backer using screws. Screws are to be attached to stud framing in wall. Do not support panel off drywall.

PART 3: EXECUTION

- 3.01 INSPECTION
- A. The installer shall examine substrates, supports and conditions under which this work will be performed. Installer shall notify General Contractor in writing if conditions are detrimental to proper completion of the work. Do not proceed with work until all unsatisfactory conditions are corrected.
- 3.02 PREPARATION AND INSTALLATION – GENERAL
- A. Installation of materials shall strictly comply with manufacture's recommendations and instructions. Install materials to comply with governing regulations, fire resistance rating requirements as indicated, and industry standard applicable to the work.
 - B. Verify all measurements and dimensions at the contract site and coordinate the work with the work of other trades.
 - C. Exterior doors and windows shall be in place and glazed prior to ceiling installation. Cleaning, concrete, masonry, plaster and other "wet work" shall be complete and dry. A minimum temperature of 65 degrees shall be maintained before, during and after installation of metal ceilings.
 - D. Layout: Match pattern shown on room elevations to greatest extent possible. Obtain Architects approval prior to installation of layout, which varies from plans.
 - E. Suspension installation: Install zee track level with floor.
 - F. Field cut all holes for electrical outlets or other wall penetrations.
 - G. Install unites flush and level with joints in perfect alignment. Maintain direction of pattern and "mill-run" of unites in one direction.
- 3.03 CLEANING AND PROTECTIONS
- A. Clean exposed surfaces of panels and trims. Comply with manufacturer's instructions for cleaning and touch-up finish damage. Remove and replace work, which cannot be successfully cleaned and repaired to permanently eliminate evidence of damage.
 - B. Provide protection for the metal wall panels, including temperature and humidity limitations and dust control, so that the work will be without damage and deterioration at the time of final acceptance.

End of Section