

## **Acoustical Wall Panel Specifications for Metal Acoustical Wall Panel(s)**

### SECTION 09840-ACOUSTICAL WALL PANELS

#### PART 1 – GENERAL

##### 1.1 SUMMARY

- A. This section includes the following:
  - 1. Metal Acoustical Wall Panel

##### 1.2 SUBMITTALS

- A. Show Drawings: Show fabrication and installation details for acoustical wall panels, including plans, elevations, sections, details and attachments to other work.
- B. Submittals: Furnish 12” x 12” samples of metal finished as specified.
- C. Product Test Report: From a qualified testing agency indicating wall panels comply with requirements.
- D. Qualification Data: For firms specified in “Quality Assurance” Article to demonstrate their capabilities and experience
- E. Product Certificates: Signed by manufacturer certifying that the products furnished comply with requirements

##### 1.3 QUALITY ASSURANCE

- A. Manufacturer Qualification: Manufacturer shall have a minimum 5 years experience in production of specified products and shall furnish supporting documentation showing completed jobs of approximately the same size and scope.
- B. Fire Test Reports: Provide acoustical wall panels with the following surface-burning characteristics as per ASTM E 84.
  - 1. Flame Spread: 25 or less
  - 2. Smoke Developed: 450 or less
- C. Acoustical Test Report: Provide acoustical test report from a qualified testing agency.

##### 1.4 DELIVERY, STORAGE, AND HANDLING

## PART 2 – PRODUCTS

### 2.1 WALL PANELS, GENERAL

A. Metal Acoustical Wall Panels shall be 2” perforated 22 gauge steel or custom with a 6.0-7.0 lb. per cubic foot high density fine fiberglass core finished in a 6 mil UL rated architectural film overlay.

1. Products
  - a. Model # In-Style
2. Facing Material: 6 mil. architectural film – over 500 patterns including stone, wood, metallic, etc.
3. Panel Thickness 2” or custom
4. Noise Reduction Coefficient: 1:00 (type A mount)
5. Panel Width: As indicated, up to 44” width maximum
6. Panel Length: As indicated, up to 8’ long

### 2.2 MOUNTING

A. Z-Clips Designed to support weight of panels mechanically attached to wall substrate according to manufactures recommendations.