

### 1.1 DESCRIPTION

## 1.2 RELATED WORK

### 1.3 APPLICABLE PUBLICATIONS

- ## 1.4 SUBMITTALS

- ## 1.5 QUALITY ASSURANCE

- VA528-809

1. Surface Burning Characteristics: As follows, tested per ASTM E 84,
  - a. Flame Spread: 25 or less
  - b. Smoke Developed: 200 or less
2. Room/Corner Wall Test: Fabric-covered material shall meet the acceptance criteria of the NFPA 265 (UBC 8-2) Corner Test.

#### **1.6 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver acoustical wall panels to project site in original, unopened packages and store them in a fully enclosed space where they will be protected against damage from moisture, direct sunlight, surface contamination, and other causes.
- B. Before installing acoustical wall panels, permit them to reach room temperature and stabilized moisture content.
- C. Handle acoustical wall panels carefully to avoid chipping edges or damaged units in any way.

#### **1.7 PROJECT CONDITIONS**

- A. Space Enclosure:
  1. Fiberglass Panels: All wet work must be complete and dry prior to installation. Installation shall be carried out where the temperature is between 40 degrees F and 120 degrees F. These temperature conditions must be maintained throughout the life of the warranty.

#### **1.8 WARRANTY**

- A. Acoustical Wall Panel: Submit a written warranty executed by the manufacturer, agreeing to repair or replace acoustical panels that fail within the warranty period. Failures include, but are not limited to:
  1. Acoustical Wall Panels: Manufacturer's defects
- B. Warranty Period:
  1. Acoustical wall panels: One (1) year from date of substantial completion.
- C. Recycled Content:
  1. Woven Fabrics - 100% post-consumer
  2. Fiberglass 52% post consumer

### **PART 2 - PRODUCTS**

#### **2.2 ACOUSTICAL WALL PANELS**

- A. Acoustical Wall Panels: Type AWP-1:
  1. Surface Texture: (fabric)
  2. Composition: (fiberglass)
  3. Color: As selected by architect from manufacturer's standard color offering.
  4. Thickness: Fiberglass (1 inch).

- 5. Width: As indicated on drawings
- 6. Panel Heights: As indicated on drawings
- 7. Edge Profile: Mitered.
- 8. Noise Reduction Coefficient (NRC): D Mounting (0.85).
- 9. Flame Spread: ASTM E84; composite rating 25 or less flame spread/200 or less smoke developed.
- 10. Room/Corner Wall Test: NFPA 265 (UBC 8-2): Pass.
- 11. Dimensional Stability: Standard - space must be enclosed with HVAC systems operating at all times.
- 12. Acceptable Product: See SECTION 09 06 00 SCHEDULE FOR FINISHES.
- B. Acoustical Wall Panel Accessories:
  - 1. Internal spline ("H" Spline):
  - 2. Mounting Style: "D-Mount"
  - 3. Fabric-covered High Impact Corner including receiver and spline.

### **PART 3 - EXECUTION**

#### **3.1 WALL PREPARATION**

- A. Examine fabric, substrates and conditions with installer present for compliance with requirements, installation tolerances and other conditions affecting performance of acoustical wall panels.
- B. Wall shall be smooth, clean, oil free, contain no protrusions, and prepared in accordance with manufacturers printed instructions.

#### **3.2 INSTALLATION**

- A. Install acoustical wall panels in locations indicated on Drawings.
- B. Comply with acoustical wall panel manufacturer's written instructions for installation of panels using type of concealed mounting accessories indicated or recommended by manufacturer. Anchor panels securely to supporting substrate.
- C. Back-Mounting Devices: Concealed on the backside of panel, recommended to support weight of the panel. Metal Z-Clips, two-part panel clips with one part of each clip mechanically attached to back of panel and the other part to wall substrate, designed to allow for panel removal.

#### **3.3 CLEANING**

- A. Clip loose threads; remove pills and extraneous materials.

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