

FABRIC-COVERED ACOUSTICAL PANELS
1 1/8 Extra

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUBMITTALS

- A. General: Submit each item in this article according to the Conditions of the Contract and Division 1 Specification Sections.
- B. Product data for each type of panel core material and fabric covering specified.
- C. Samples for Verification: 8-inch square units of each panel core material and fabric covering.
- D. Product test reports performed by a qualified independent testing agency acceptable to authorities having jurisdiction evidencing fire-hazard and acoustical classification of panel core material and fabric covering.

1.3 QUALITY ASSURANCE

- A. Single-Source Responsibility: Obtain each type of fabric covering from a single source with resources to provide products of consistent quality in appearance and physical properties without delaying the project.
- B. Installer Qualifications: Engage an experienced installer to perform Work of this Section who has specialized in installing fabric covered acoustical panels similar to those required for this Project

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Protect fabric covered acoustical panels from moisture in shipment, storage, and handling.

1.5 PROJECT CONDITIONS

- A. Environmental Conditions: Do not begin installation until spaces for fabric covered acoustical panels have been enclosed and maintained at approximately the same temperature and humidity conditions as planned for occupancy.
- B. Maintain minimum 60 F degrees temperature and 35 to 65 percent humidity for 48 hours after installation.
- C. Field Measurements: Check actual wall surfaces by accurate field measurements before fabrication.

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PART 2- PRODUCTS

2.1 MANUFACTURING, GENERAL

- A. Fabricate panels to sizes and configurations indicated.
- B. Attach fabric facing to cores to produce installed panels with visible surfaces fully covered and free from waves in weave, wrinkles, sags, blisters, seams, and adhesive or foreign matter.
- C. Fabricate panels to exact sizes required to fit wall surfaces based on field measurements of completed substrates.

2.2 MATERIALS

A. Manufacturers

- 1. Jasco Manufacturing "Quiet Touch Extra" or approved
(800) 935-2726 or (503) 226-2110

B. Panel Substrate

- 1. Composition: Semi-rigid acoustical fiberglass laminated with glass mat
- 2. Treatments: Factory protection against rot, fungi, and moisture absorption.
- 3. Density: 6-7 pcf and 18-20 pcf
- 4. Thickness: 1-1/8"
- 5. Size: 48 inches wide by height required to fabricate seamless panels to indicated height.
- 6. Fire rating: Class A
- 7. Edge detail: Square, Beveled, Radiused, Chamfered, Hardened
- 8. NRC: Minimum .90 – Riverbank Labs test A98-63

C. Adhesive

- 1. Fabric Adhesive: H.B. Fuller – E3877 or Non-staining, non-pigmented adhesive recommended by fabric manufacturer.
- 2. Board Adhesive: 237 by W.W. Henry or Beats Nails Construction adhesive by DAP.

D. Fabric

- 1. Manufacturer:
- 2. Pattern:
- 3. Color:
- 4. Width:
- 5. Content/Weight:

2.3 FABRICATION

A. Fabrication of Fabric Covered Acoustical Panels

- 1. Apply adhesive to exposed face of substrate.
- 2. Wrap panel core material with fabric covering edges and returning fabric approximately 2 inches on back of panel.

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PART 3 - EXECUTION

3.1 EXAMINATION-INSTALLATION

- A. Examine substrates with Installer present for compliance with requirements for installation tolerances and other conditions affecting performance of fabric covered acoustical panels. Do not proceed with installation until unsatisfactory conditions have been corrected.
- B. Install fabric covered acoustical panels in locations indicated with vertical surfaces and edges plumb. Top edges level and in alignment with other panels, scribed to fit adjoining work accurately at borders and at penetrations.
- C. Installation of Fabric Covered Acoustical Panels:
 - 1. Apply adhesive to walls and panels or in accordance with adhesive manufacturer's specs.
 - 2. Set fabric covered acoustical on wall and secure with 6D finish nails to hold in place until adhesive cures.
 - 3. Set nails below surface of fabric.
 - 4. Stretch fabric to remove any wrinkles.

3.2 CLEANING AND PROTECTION

- A. Clean panels upon completion of installation to remove dust or foreign materials from the fabric, using a dry brush, a vacuum, or both.
- B. Maintain conditions in a manner acceptable to the Manufacturer and Installer that ensures that the fabric covered acoustical panels are without damage or deterioration at the time of substantial completion.
- C. Replace panels that cannot be cleaned and repaired, in a manner acceptable to the Architect, prior to the time of substantial completion.

**END OF SECTION
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