

*(Attention Specifiers, all areas in **red** require you to make selection based on requirements of the project before issuing specification. Please refer to the appropriate product data page when making your selection. All data pages are available at <https://acousticalsolutions.com/>)*

SECTION 09 51 13 – ACOUSTICAL PANEL CEILINGS

PART 1 – GENERAL

1.1 SUBMITTALS

- A. Action Submittals:
 - 1. Shop Drawings: Illustrate ceiling layout and relationship to adjacent construction.
 - 2. Product Data: Manufacturer's descriptive data and product attributes for acoustical panels and suspension grid.
 - 3. Samples: [6 x 6 inch acoustical panel samples for product selection.] [Full size acoustical panel samples for product verification.]
- B. Informational Submittals:
 - 1. Certificate of Compliance: Certification that installed products meet specified fire hazard requirements.
- C. Closeout Submittals:
 - 1. Extra materials: [One unopened carton] [[_] unopened cartons.] [[2] [_] percent] [[_] square feet] of each acoustical panel.

1.2 QUALITY ASSURANCE

- A. Installer Qualifications: Firm specializing in work of this Section with minimum [2] [_] years' experience.
- B. Regulatory Requirements:
 - 1. Fire hazard classification: Class A rated, tested to ASTM E1264.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acoustical Panels: Contract Documents are based on products by Acoustical Solutions, acousticalsolutions.com.
- B. Substitutions: [Refer to Division 01.] [Not permitted.]

2.2 MATERIALS

- A. Acoustical Panels:
 - 1. Product: AlphaSorb® Designer Premium Acoustic Felt Ceiling Tiles.
 - 2. Construction: Non-woven PET fibers.
 - 3. Size: Nominally 24 x 24 inches.
 - 4. Drop below grid: [None.] [1/4 inch.] [1 inch.] [1/4 inch to 2 inches.] [3 inches.] [1/4 inch to 3 inches.]

5. Profile: [Flat.] [Flat, 1/4 Inch Tegular.] [Flat, 1 Inch Tegular.] [Dimensional Sphere.] [Dimensional Wave.] [Recessed Round.]
 6. Noise Reduction Coefficient (NRC): [0.75.] [0.80.]
 7. Fabricate panels for use with [9/16] [15/16] inch wide exposed grid ceiling suspension system.
 8. Color: [Raven Black.] [Smokey Grey.] [Pale Grey.] [Snow White.]
- B. Suspension Grid System:
1. ASTM C635, intermediate duty.
 2. Grid type: Exposed T.
 3. Material: Galvanized steel.
 4. Runners: [9/16] [15/16] inch exposed face width, flush profile.
 5. Perimeter molding: Angle shape.
 6. Finish: Factory applied enamel, [____] color [to be selected from manufacturer's full color range.]

**** OR ****

- C. Suspension Grid System:
1. ASTM C635, intermediate duty.
 2. Grid type: Exposed T.
 3. Material: Vinyl.
 4. Runners: [9/16] [15/16] inch exposed face width, flush profile.
 5. Perimeter molding: Angle shape.
 6. Color: [White.] [____.] [To be selected from manufacturer's full color range.]

2.3 ACCESSORIES

- A. Support Channels: [Galvanized] [Prime painted] steel.
- B. Hanger Wire: ASTM A641, minimum [12] [__] gage galvanized steel.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install ceilings in accordance with ASTM C636 and CISCA Handbook.
- B. Minimize panels less than one half size.
- C. Install molding around perimeters and abutting surfaces.
- D. Install main tees at maximum [48] [__] inches on center.
- E. Install cross tees to form 24 x 24 inch modules.
- F. Installation Tolerances: Ceilings level to [1/8] [__] inch in 12 feet.

END OF SECTION