

**WVU DESIGN GUIDELINES & CONSTRUCTION STANDARDS**  
**DIVISION 09 – FINISHES**

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**SECTION 095123- ACOUSTICAL TILE CEILING**

**PART 1: GENERAL**

1.1 Scope of Standard

- A. This standard provides general guidance concerning the specific preferences for acoustical ceiling tiles and panels, perforated metal pan ceiling systems, and materials manufactured as finished acoustical ceiling surfaces.
- B. Project conditions and requirements vary, thus precluding the absolute adherence to the items identified herein in all cases. However, unless there is adequate written justification, it is expected that these guidelines will govern the design and specifications.

1.2 Reference Standards

- A. Refer to Section 095123A of this document for suspension system.

1.3 Quality Control

- A. Patterns: Patterns shall be fissured and non-directional.
- B. Color: White-latex capable of being cleaned and repainted.
- C. Ceiling grid shall be centered no less than 6” around edge. Edge trim shall be “L” type.
- D. Fire resistant assemblies: Acoustical ceilings are not desirable.
- E. Asbestos: In no instance will any product containing asbestos be acceptable for use.

1.4 General Requirements

- A. Over-stock: Provide 5% overage for attic stock.

**PART 2: PRODUCTS**

2.1 Ceiling Tiles

- A. General
  - 1. Tile: 24” x 24” x 5/8” or 3/4” and 24 x 48 x 5/8” or 3/4” lay-in acoustical ceiling tile fissured with standard heavy duty grid.
  - 2. Hold down clips shall be used on as-needed basis. Verify with the WVU project representative.

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3. Tiles below a mechanical or electrical device above ceiling shall have a color coded dot  $\frac{3}{4}$  in diameter. Red for electrical, blue for water, green for mechanical as an example. Verify colors with project Manager.

**B. Preferred products**

1. Cortega Tile & Square Lay-in medium texture, Armstrong 824 24" x 24" x  $\frac{5}{8}$  or Armstrong 823 24 x 48 x  $\frac{5}{8}$ "
2. Fine Fissured 15/16" Square Lay-in medium texture, Armstrong 1810, 24" x 24" x  $\frac{3}{4}$ " and Armstrong 1811, 24 x 48 x  $\frac{3}{4}$ ". Tile with NRC 0.70 rating is to be used where fire rating is required as in unsprinklered spaces.
3. Armstrong 1713, Fine Fissured, 24" x 24" x  $\frac{3}{4}$ " and Armstrong 1714, Fine Fissured, 24" x 48" x  $\frac{3}{4}$ " for general use.
4. Athletics uses Armstrong Optima 3251, Square Tegular, 24" x 24" x 1" when using 9/16" grid or Armstrong Optima 3250, Square Tegular, 24" x 24" x 1" when using 15/16" grid and Armstrong 1912, Beveled Tegular, 24" x 24" x  $\frac{3}{4}$ ".

**PART 3: EXECUTION - NOT USED**

END OF SECTION 095123