

## SECTION 095123 - ACOUSTICAL TILE CEILINGS

## PART 1 - GENERAL

## 1.1 SUMMARY

- A. Section includes acoustical tiles and concealed suspension systems for ceilings.

## 1.2 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.

## 1.3 INFORMATIONAL SUBMITTALS

- A. Product Data: For each type of product.

## 1.4 CLOSEOUT SUBMITTALS

- A. Maintenance data.

## PART 2 - PRODUCTS

## 2.1 PERFORMANCE REQUIREMENTS

- A. Seismic Performance: Acoustical ceiling shall withstand the effects of earthquake motions determined according to ASCE/SEI 7.
- B. Surface-Burning Characteristics: Comply with ASTM E 84; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
  - 1. Flame-Spread Index: Comply with ASTM E 1264 for Class A materials.
  - 2. Smoke-Developed Index: 50 or less.

## 2.2 ACOUSTICAL TILES

- A. Sheetrock ClimaPlus Performance (3270), 2'x4'x1/2", or approved equal.
- B. Color: White-scrubable as selected from manufacturer's full range.
- C. Edge/Joint Detail: Square.
- D. Thickness: 1/2 inch.

- E. Modular Size: 24 x 48.

## 2.3 METAL SUSPENSION SYSTEM

- A. Sheetrock or approved equal.
- B. Structural Classification: Intermediate-duty system.
- C. Access: Upward.
- D. Roll-Formed, Sheet-Metal Edge Moldings and Trim: Manufacturer's standard moldings for edges and penetrations complying with seismic design requirements; formed from sheet metal of same material, finish, and color as that used for exposed flanges of suspension-system runners.

## PART 3 - EXECUTION

### 3.1 INSTALLATION

- A. Install acoustical tile ceilings to comply with ASTM C 636/C 636M and seismic design requirements indicated, according to manufacturer's written instructions and CISCA's "Ceiling Systems Handbook."
- B. Measure each ceiling area and establish layout of acoustical tiles to balance border widths at opposite edges of each ceiling. Avoid using less-than-half-width tiles at borders, and comply with layout shown on reflected ceiling plans.
- C. Arrange directionally patterned acoustical tiles as indicated on reflected ceiling plans.

END OF SECTION 095123