

SECTION 09510
SUSPENDED ACOUSTICAL CEILING SYSTEM

PART 1 GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Deliver acoustical ceiling units and suspension system components 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 ceiling units, permit them to reach room temperature and a stabilized moisture content.
- C. Handle acoustical ceiling units carefully to avoid chipping edges or damaging units in any way.

1.6 PROJECT CONDITIONS

- A. Environmental Limitations: Do not install interior acoustical ceilings until space is enclosed and weatherproof, wet work in space is completed and nominally dry, work above ceilings is complete, and ambient conditions of temperature and humidity will be continuously maintained at values near those indicated for final occupancy.

1.7 EXTRA MATERIALS

- A. Furnish extra materials described below that match products installed, are packaged with protective covering for storage, and are identified with labels describing contents.
 - 1. Acoustical Ceiling Units: Furnish quantity of full size units equal to 2% of amount installed.
 - 2. Suspension System Components: Furnish quantity of each exposed component equal to 2% of amount installed.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Products: Subject to compliance with requirements, provide one of the following:
 - 1. Mineral Base Panels typical unless noted on Reflected Ceiling Plans. Tiles shall be 24" x 24" non-directional, resistant to high humidity and growth of mold/mildew, with Painted Finish Perforated and Fissured Pattern, and Class 'A' finish, Color: White.
 - a. General
 - i) Armstrong World Industries "Fine Fissured" with HumiGuard Plus Square Lay-in.
 - ii) Celotex Corp. (BPB Corp) "Baroque High NRC" with BioShield
 - iii) USG Interiors Radar Climaplus
 - b. Kitchen
 - i) Washable USG "Climaplus Clean Room"
 - ii) Washable Armstrong World Industries, "Clean Room VL"
 - iii) Celotex Corp. (BPB Corp) "Baroque" with PlasticGard.
- B. Manufacturers: Subject to compliance with requirements, provide products by one of the following, and the grid system shall be compatible with the tiles to provide resistant to high humidity and growth of mold/mildew:
 - 1. Non-Fire-Resistance Rated Double-Web Steel Suspension Systems:
 - a. Armstrong World Industries, Inc.
 - b. Chicago Metallic Corporation.
 - c. USG Interiors, Inc.
 - 2. Edge Moldings:
 - a. Armstrong World Industries, Inc.
 - b. Chicago Metallic Corporation.
 - c. Fry Reglet Corp.
 - d. USG Interiors, Inc.

2.2 ACOUSTICAL CEILING UNITS, GENERAL

