

## SECTION 092900 - GYPSUM BOARD

### PART 1 - GENERAL

#### 1.1 SECTION REQUIREMENTS

- A. Submittals: Product Data.

### PART 2 - PRODUCTS

#### 2.1 GYPSUM BOARD

- A. Gypsum board products in maximum lengths available to minimize end-to-end butt joints.
  - 1. Gypsum Panels, Regular: ASTM C 36, 5/8" thick unless otherwise indicated, with manufacturer's standard edges. Regular type, unless otherwise indicated. Type X where required by fire resistance rated assemblies. Sag-resistant type for ceiling surfaces.
  - 2. Water-Resistant Gypsum Panels (at Scullery and Dish Area walls, exposed Utility Room service sink walls): ASTM C 630, 5/8" unless otherwise indicated.

#### 2.2 FIBERBOARD SOUND ATTENUATION SHEATHING

- A. SoundChoice sound deadening fiberboard as manufactured by Temple Inland Company, Dibold, Texas, (800) 231-6060.
- B. Properties:
  - 1. ASTM C208. Cellulosic Fiber Insulation Board, 4'x8', 1/2" thick, with square edges.
  - 2. Density: 15-20 pounds per cubic foot.
  - 3. Weight: .65 pounds per square foot.
  - 4. Insulating Value: R 1.22 per ASTM C518.
  - 5. NRC: .35 per ASTM C423
  - 6. STC: 26 per ASTM E90.

#### 2.3 ACCESSORIES

- A. Trim Accessories:
  - 1. Edge trim, and control joints complying with ASTM C 1047, formed from steel sheet zinc coated by hot-dip process or rolled zinc or plastic.
  - 2. Cornerbead: Metal, 3/4" radius unless 90 degree type indicated.
- B. Aluminum Accessories: Extruded-aluminum accessories indicated with manufacturer's standard corrosion-resistant primer.

- C. Gypsum Board Joint Treatment Materials: Comply with ASTM C 475. Paper reinforcing tape and drying-type, ready-mixed, all-purpose compounds.
- D. Acoustical Sealant for Exposed and Concealed Joints: Nonsag, paintable, nonstaining latex sealant complying with ASTM C 834.
- E. Miscellaneous Materials: Auxiliary materials for gypsum board construction that comply with referenced standards.

### PART 3 - EXECUTION

#### 3.1 INSTALLATION

- A. Install and finish gypsum panels to comply with ASTM C 840 and GA-216.
  - 1. Isolate the perimeter of non-load-bearing gypsum board partitions where they abut structural elements, except floors, by providing a 1/4- to 1/2-inch- wide space between gypsum board and the structure. Trim edges with USG “Series 400” metal U-bead edge trim where edges of gypsum panels are exposed. Seal joints between edges and abutting structural surfaces with acoustical sealant.
  - 2. Single-Layer Fastening Methods: Fasten gypsum panels to supports with screws.
- B. Finishing Gypsum Board Assemblies:
  - 1. Level 4 finish at walls and ceilings unless otherwise indicated.

END OF SECTION 092900