

SECTION 09250
GYPSUM BOARD SYSTEMS

PART 1 GENERAL

1.1 RELATED DOCUMENTS:

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 specification sections, apply to work in this section.

1.2 SECTION INCLUDES:

- A. Gypsum Board Partition Systems.
- B. Gypsum Board Accessories.
- C. Joint Treatment.
- D. Textured Finish.

1.3 REFERENCES:

- A. ASTM C36/C36M – Standard Specification for Gypsum Wallboard.
- B. ASTM C79/C79M – Standard Specification for Gypsum Sheathing Board.
- C. ASTM C442/C442M – Standard Specification for Gypsum Backing Board and Core Board.
- D. ASTM C475 – Standard Specification for Joint Treatment Materials for Gypsum Wallboard Construction.
- E. ASTM C630 – Standard Specification for Water Resistant Gypsum Backing Board
- F. ASTM C645 – Standard Specification for Non-Load (Axial) Bearing Steel Studs, Runners, Track, and Rigid Furring Channels for Screw Application of Gypsum Board.
- G. ASTM C754 – Standard Specification for the Installation of Framing Members to Receive Screw Attached Gypsum Wallboard, Backing Board, or Water Resistant Backing Board.
- H. ASTM D5420 – Standard Test Method for Impact Resistance of Flat Rigid Plastic By Means of a Striker Impacted by Falling Weight.
- I. ASTM E119 – Standard Test Methods for Fire Tests of Building Construction and Materials.
- J. ASTM E695 – Standard method for Measuring Relative Resistance of Wall, Floor, and Roof Construction to Impact loading.
- K. ASTM C840 – Standard Specification for the Application and Finishing of Gypsum Board.
- L. GA-216 – Recommended Specifications for the Application and Finishing of Gypsum Board.
- M. GA-600 – Fire Resistance Design Manual.
- N. Florida Building Code.

1.4 SUBMITTALS:

- A. Product Data: Submit manufacturer's product data sheets and printed installation instructions for each product or system proposed for use.

1.5 QUALITY ASSURANCE:

- A. Perform gypsum board systems work in accordance with recommendations of ASTM C754, C840 and GA-216 except as otherwise specified in this Section.
- B. Regulatory Requirements:
 - 1.

2. Fire-Hazard Classification: Listed and labeled by Underwriter's Laboratories, Inc.

1.6 COORDINATION:

- A. Prior to and during installation, coordinate with work of other trades to facilities required openings and finishes.
- B. Conduct pre-construction meeting with drywall contractor, architect, owner, project coordinator, and others involved with process.

1.7 DELIVERY, STORAGE AND HANDLING:

- A. Store material off floor in dry area to prevent damage from moisture or excessive handling.
- B. Follow manufacturers requirements for on site storage and handling of materials.

PART 2 PRODUCTS

2.1 MANUFACTURERS:

- A. U.S. Gypsum Co products listed. as a standard of quality.
- B. Equivalent products of following manufacturers are acceptable.
 1. National Gypsum Corp
 2. U.S. Gypsum Corp
 3. Georgia-Pacific Corp
 4. Lafarge North America Inc
 5. Other approved equal

2.2 MATERIALS:

- A. Furring Channels: USG metal stud channel, 1½". deep, roll-formed sections of 20-ga. galvanized steel, ASTM C645.
- B. Gypsum Wallboard (General and above 8' AFF): " thick, ASTM C36, tapered edge, fire rated Type X. (Note: At radius walls the Contractor has the option to install ¼" and/or " thick gypsum wallboard in layers.)
- C.

- H. Compounds: Pre-fill powdered joint compound, laminating adhesive, taping compound and topping compound, ASTM C475.
- I. Joint Tape: Perforated tape, ASTM C475.
- J. Fasteners: Self-drilling, self-tapping bugle head screws, Type S12 and GA 216, length required for each assembly.
- K. Metal Accessories:
 - 1. Corner Beads: Dur-A-Bead No. 101, galvanized.
 - 2. Metal Trim (Casing Bead): No. 200-A or 200-B metal trim, galvanized.

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- H. Attach gypsum panels to framing provided at openings and cutouts.
- I. Spot grout hollow metal doorframes for solid-core wood doors, hollow metal doors, and doors over 800 mm (32") wide. Apply spot grout at each jamb anchor clip and immediately insert