

SECTION 09260

GYPSUM BOARD SYSTEMS

1 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 of this section.

1.2 SUMMARY

- A. Gypsum board with joint treatment.
- B. Metal channel wall and ceiling framing.
- C. Acoustic insulation.

1.3 SYSTEM DESCRIPTION

- A. Conform to applicable code for fire rated assemblies and as follows:
 - 1. Fire Rated Partitions: Listed assembly by UL.

1.4 SUBMITTALS

- A. Product Data: Submit data on gypsum board products and accessories.

1.5 QUALITY ASSURANCE

- A. Perform Work in accordance with ASTM C840. GA-201 - Gypsum Board for Walls and Ceilings. GA-214 - Recommended Specification: Levels of Gypsum Board Finish. GA-216 - Recommended Specifications for the Application and Finishing of Gypsum Board. GA-600 - Fire Resistance Design Manual.

2 PART 2 PRODUCTS

2.1 GYPSUM BOARD SYSTEM

- A. Manufacturers:
 - 1. Domtar Gypsum Co.
 - 2. Georgia Pacific Corp.
 - 3. Gold Bond Building Products /Div. National Gypsum Co.
 - 4. United States Gypsum Co.
- B. Furring, Framing, and Accessories: ASTM C645. GA-216, and GA-600.
- C. Gypsum Board Types: 5/8 inch thick, maximum available length in place; ends square cut, tapered edges; unless noted otherwise as follows:

1. Standard Type: ASTM C36
2. Fire Rated Type: ASTM C36 fire resistive, UL rated.
3. Moisture Resistant Type: ASTM C630
4. Abuse resistant type: ASTM36, E695
5. GP Dens Glass Gold: 5/8" exterior sheathing

2.2 ACCESSORIES

- A. Acoustic Insulation: ASTM C665, preformed mineral wool, friction fit type, unfaced, 2.5 inches thick.
- B. Acoustic Sealant: Non-hardening, non-skinning, for use in conjunction with gypsum board.
- C. Corner Beads: Metal.
- D. Edge Trim: GA-201 and GA-216, Type LC bead.
- E. Joint Materials: ASTM C475 GA-201 and GA-216, reinforcing tape, joint compound, adhesive, and water.
- F. Fasteners: ASTM C1002 Type S12 hardened screws.
- G. Adhesive: ASTM C557.

3 PART 3 EXECUTION

3.1 INSTALLATION - ACOUSTIC ACCESSORIES

- A. Install resilient channels at maximum 16 inches oc. Locate joints over framing members.
- B. Place acoustic insulation in partitions tight within spaces, around cut openings, behind and around electrical and mechanical items within or behind partitions, and tight to items passing through partitions.
- C. Install acoustic sealant within partitions in accordance with manufacturer's instructions.

3.2 INSTALLATION - GYPSUM BOARD

- A. Install gypsum board in accordance with GA-201, GA-216, GA-600 and manufacturer's instructions.
- B. Fasten gypsum board to furring or framing with screws.
- C. Place control joints consistent with lines of building spaces as directed, spaced as recommended by manufacturer.
- D. Place corner beads at external corners. Use longest practical length. Place edge trim where gypsum board abuts dissimilar materials.

- E. Seal cut edges and holes in moisture resistant gypsum board and exterior gypsum soffit board with sealant.

3.3 JOINT TREATMENT

- A. Tape, fill, and sand exposed joints, edges, and corners to produce smooth surface ready to receive finishes, minimum of three coats.
- B. Feather coats onto adjoining surfaces so that camber is maximum 1/32 inch.
- C. Sanding and final coat of fill is not required at concealed surfaces above ceilings and in inaccessible spaces.

3.4 TOLERANCES

- A. Maximum Variation from True Flatness: 1/8 inch in 10 feet in any direction.

...END OF SECTION