

SECTION 06169  
GYPSUM SHEATHING

PART 1 - GENERAL

1.01 DESCRIPTION

- A. This Section includes exterior gypsum wall sheathing, fasteners, and accessories.
- B. Related Sections:
  - 1. Cold formed metal framing is specified in Section 05400.
  - 2. Sheathing paper is specified in Section 06163.
  - 3. Gypsum board is specified in Section 09250.

1.02 SUBMITTALS

- A. Product Data: Manufacturer's descriptive literature indicating material composition, thickness, size and fire resistance. Include manufacturer's certification that gypsum sheathing complies with specified fire-resistance requirements.
- B. Shop Drawings: Show fastener patterns and installation details.

1.03 QUALITY ASSURANCE

- A. Fire Resistance: Gypsum sheathing shall have a flame spread of 0 and smoke developed of 0 when tested in accordance with ASTM E84 and be non-combustible when tested in accordance with ASTM D136.

1.04 PRODUCT HANDLING

- A. Keep materials under cover and dry. Protect against exposure to weather and contact with wet or damp surfaces.
- B. Stack gypsum sheathing and provide for air circulation within and around stacks and under temporary coverings.

PART 2 - PRODUCTS

2.01 GYPSUM SHEATHING

- A. Gypsum Wall Sheathing: Georgia Pacific "Dens-Glass Gold Firestop X" or approved equal glass mat faced silicone-treated gypsum core panel, 5/8-inch thick.

2.02 MISCELLANEOUS MATERIALS

- A. Fasteners: Provide screws with hot-dip zinc coating in accordance with ASTM A153 or stainless steel. Type and length as recommended by gypsum sheathing manufacturer.

PART 3 - EXECUTION

3.01 INSTALLATION, GENERAL

- A. Cut and fit gypsum sheathing accurately. Install members plumb and true to line and level.
- B. Securely attach to substrate by anchoring and fastening as indicated and required.
- C. Use fasteners of appropriate type and length.

3.02 GYPSUM WALL SHEATHING

- A. General: Install in accordance with manufacturer's instructions, applicable instructions in GA-253 and ASTM C1280.
- B. Fasten with gold side out.
- C. Use maximum lengths possible to minimize number of joints.
- D. Fasten to exterior face of stud framing for exterior walls.
- E. Use self-tapping sheet metal screws.
- F. Keep perimeter fasteners 3/8-inch from edges and ends of board units.
- G. Fit boards tightly against each other and around openings.
- H. Seal fasteners and joints with silicone or siliconized acrylic latex sealant. Provide 2-inch wide 10 x 10 glass mesh tape recommended by gypsum sheathing manufacturer at joints.

END OF SECTION