

SECTION 061600 - SHEATHING

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Gypsum sheathing.

1.2 SUBMITTALS

- A. Product Data:** For products indicated.

1.3 DELIVERY, STORAGE, AND HANDLING

- A. General:** Comply with manufacturer's instructions and recommendations.

PART 2 - PRODUCTS

2.1 GYPSUM SHEATHING

- A. Exterior (Gypsum) Sheathing:** ASTM C 1177, Glass-Mat Gypsum Sheathing Board, with manufacturer's standard edges.

1. **Products and Manufacturers:** Subject to compliance with requirements, available products and manufacturers that may be incorporated into the Work include, but are not limited to, the following:

- a. GlasRoc Sheathing; CertainTeed Corporation
- b. DensGlass; G-P Gypsum Corporation
- c. Gold Bond eXP Sheathing; National Gypsum Company

2. **Thickness and Type:** 5/8-inch-thick, Type X.

2.2 FASTENERS

- A. General:** Provide fasteners of size and type required for installations indicated.

1. For wall sheathing, provide fasteners complying with ASTM C 1002, corrosion resistant treated.

2.3 SHEATHING JOINT-AND-PENETRATION TREATMENT MATERIALS

- A. Sealant for Glass-Mat Gypsum Sheathing:** Silicone emulsion sealant complying with ASTM C 834, compatible with sheathing tape and sheathing and recommended by tape and sheathing manufacturers for use with glass-fiber sheathing tape and for covering exposed fasteners.
 - 1. Sheathing Tape:** Type recommended by sheathing manufacturer for applications indicated.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

- A. Do not use materials with defects that impair quality of sheathing or pieces that are too small to use with minimum number of joints or optimum joint arrangement. Arrange joints so that pieces do not span between fewer than three support members.**
- B. Cut panels at penetrations, edges, and other obstructions of work; fit tightly against abutting construction unless otherwise indicated.**
- C. Securely attach to substrate by fastening as indicated, complying with the following:**
 - 1. Wall Sheathing:** Securely attach to substrate by fastening as recommended by the sheathing manufacturer.
- D. Coordinate wall sheathing installation with flashing and joint-sealant installation so these materials are installed in sequence and manner that prevent exterior moisture from passing through completed assembly.**
- E. Do not bridge building expansion joints; cut and space edges of panels to match spacing of structural support elements.**

3.2 GYPSUM SHEATHING INSTALLATION

- A. Comply with GA-253 and with manufacturer's written instructions and recommendations.**
 - 1. Coordinate installation of gypsum sheathing materials with Weather Barrier installation requirements.**

END OF SECTION 061600