

## SECTION 09 29 00 - GYPSUM BOARD

### PART 1 - GENERAL

#### 1.1 SUMMARY

##### A. Section Includes:

1. Exterior gypsum board for soffits and fascia.

#### 1.2 ACTION SUBMITTALS

##### A. Product Data: For each type of product.

##### B. Samples for Verification: For each type and color of the following:

1. Trim Accessories: Full-size sample in 12 inch long length for each trim accessory indicated.

#### 1.3 QUALITY ASSURANCE

##### A. Qualifications:

1. Testing Agency: Qualified in accordance with ASTM C1093 for testing indicated.

#### 1.4 DELIVERY, STORAGE, AND HANDLING

- ##### A.
- Store materials inside under cover and keep them dry and protected against weather, condensation, direct sunlight, construction traffic, and other potential causes of damage. Stack panels flat and supported on risers on a flat platform to prevent sagging.

#### 1.5 FIELD CONDITIONS

- ##### A. Environmental Limitations: Comply with ASTM C 840 requirements or gypsum board manufacturer's written instructions, whichever are more stringent.

##### B. Do not install panels that are wet, moisture damaged, and mold damaged:

1. Indications that panels are wet or moisture damaged include, but are not limited to, discoloration, sagging, or irregular shape.
2. Protect sills, ledges, and projections from mortar droppings.
3. Indications that panels are mold damaged include, but are not limited to, fuzzy or splotchy surface contamination and discoloration.

### PART 2 - PRODUCTS

#### 2.1 EXTERIOR GYPSUM BOARD FOR CEILINGS AND SOFFITS.

- ##### A. Glass-Mat Gypsum Sheathing Board: ASTM C 1177/C 1177M, with fiberglass mat laminated to both sides and with manufacturer's standard edges.

1. Manufactures: subject to compliance with requirements, provide products by one of the following:
  - a. Certain Teed Corporation
  - b. Continental Building Products, LLC
  - c. Georgia-Pacific Building Products
  - d. National Gypsum Company
  - e. USG Corporation
2. Core: 5/8 inch. Type X

## 2.2 TRIM ACCESSORIES

- A. Exterior Trim: ASTM C 1047
  - 1. Material: Hot dip galvanized-steel sheet, plastic or rolled zinc.
  - 2. Shapes:
    - a. Cornerbead.
    - b. LC-Bead: J-shaped, exposed long flange receives joint compound.
    - c. Expansion (control) joint: one piece, rolled zinc with V-shaped slot and removable strip covering slot opening.

## 2.3 JOINT TREATMENT MATERIALS

- A. Joint tape:
  - 1. Glass-Mat Gypsum Sheathing Board: 10-by-10 glass mesh.
- B. Joint compound for exterior applications.
  - 1. Glass-mat Gypsum sheathing board: as recommended by sheathing manufacturer.

# PART 3 - EXECUTION

## 3.1 EXAMINATION

- A. Examine areas and substrates including welded hollow-metal frames and support framing, with Installer present, for compliance with requirements and other conditions affecting performance of the Work.
- B. Examine panels before installation and reject panels that are wet, moisture damaged, and mold damaged.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

## 3.2 INSTALLATION, GENERAL

- A. Apply panels perpendicular to supports, with end joints staggered and located over supports
  - 1. Install with 1/4-inch (6.4-mm) open space where panels abut other construction or structural penetrations
  - 2. Fasten with corrosion-resistant screws.

## 3.3 INSTALLING TRIM ACCESSORIES

- A. General: trim with back flanges intended for fasteners, attach to framing with same fasteners used for panels. Otherwise, attach trim according to manufacturer's written instructions.
- B. Exterior trim: install in the following locations.
  - 1. Cornerbead: Use at outside corners
  - 2. LC-bead: Use at exposed panel edges.

## 3.4 FINISHING GYPSUM BOARD

- A. General: Treat gypsum board joints, interior angles, edge trim, control joints, penetrations, fastener heads, surface defects, and elsewhere as required to prepare gypsum board surfaces for decoration. Promptly remove residual joint compound from adjacent surfaces.
- B. Prefill open joints and damaged surfaces.
- C. Glass mat Faced Panels: Finish according to manufacturer's written instructions.

3.5 PROTECTION

- A. Protect adjacent surfaces from drywall compound and promptly remove from floors and other non-drywall surfaces. Repair surfaces stained, marred, or otherwise damaged during drywall application.
- B. Remove and replace panels are wet, moisture damaged or mold damaged.

END OF SECTION 09 29 00