

Section 06 16 43
Gypsum Sheathing

The following paragraphs are for insertion into sections of generic specifications or proprietary specifications covering gypsum board products manufactured by National Gypsum Company. The Gold Bond® BRAND product name follows the generic description in parentheses.

Part 2 Products

2.01 Materials

- A. Fiberglass Mat Gypsum Sheathing: e²XP Extended Exposure Gypsum Sheathing: A water-resistant glass mat on both face and back surfaces with enhanced core additives to provide extra protection against mold and mildew; and complies with ASTM C 1177.

(Specifier Note: Regular sheathing is available in 1/2-inch thickness and Fire-Shield is available in 5/8-inch thickness.)

1. Core: **[Regular gypsum core]** [1/2] **[Type X gypsum core]** [5/8] [4' x 8', 9', 10'], with additives to enhanced moisture and mold resistance (e²XP Extended Exposure Gypsum Sheathing)
2. Facing: Water-resistant glass mat on both face and back surfaces.
3. Long Edges: Square edge wrapped with water-resistant glass mat.
4. Overall thickness: **[1/2] [5/8]** -inch

- B. Gypsum Sheathing Board: Gold Bond BRAND Gypsum Sheathing : A gypsum core sheathing boards with additives to enhance the water resistance of the core; surfaced with water repellent paper faced on front, back, and long edges; and complying with ASTM C 1396.

(Specifier Note: Regular sheathing is available in 1/2-inch thickness and Fire-Shield is available in 5/8-inch thickness.)

1. Core: **[Regular gypsum core]**, [1/2] [2' x 8'] with *tongue and groove edge* (Gold Bond BRAND Gypsum Sheathing).
2. Core: **[Regular gypsum core]**, [1/2] [4' x 8', 9', 10'] with *square edge* (Gold Bond BRAND Jumbo Gypsum Sheathing).
3. Core: **[Fire-Resistant core]** **[type X]**, [5/8] [4' x 8', 9', 10'] with additives in the core to enhance fire resistance. (Gold Bond BRAND Fire-Shield Gypsum Sheathing).
4. Overall thickness: **[1/2] [5/8]** -inch

Part 3 Execution

3.01 Installation

- A. Gypsum Sheathing: In accordance with ASTM C 1177 and/ or ASTM C 1280 and the manufacturer's recommendations, National Gypsum Company "Gypsum Construction Guide."