

## SECTION 09 29 00 – GYPSUM BOARD, 1/4 in. (6.4 mm) USG Sheetrock® Brand Flexible Gypsum Panels

### Product Summary:

- 1/4 in. (6.4 mm) flexible panels for curved walls, archways and staircases
- More flexible than standard 1/4 in. (6.4 mm) USG Sheetrock® Brand Gypsum Panels
- Designed to easily construct curved surfaces
- Feature a noncombustible gypsum core that is encased in 100% recycled face and back papers that form a high strength composite design
- Comply with ASTM C1396, *Standard Specification for Gypsum Board*, for 1/4 in. (6.4 mm) gypsum wallboard
- Underwriters Laboratories Inc. (UL) Classification as to surface-burning characteristics and noncombustibility
- Achieved GREENGUARD Gold Certification and qualifies as a low VOC emitting material (meets CA 01350)
- For more information, refer to product submittal sheet WB2128 and usg.com

### Note to Specification Writers:

- This document is not intended to function as a standalone specification. It is intended to assist the specifier in inserting the proper language into the following recommended specification sections: 09 29 00 – GYPSUM BOARD.
- This product is manufactured at USG gypsum panel plants, reducing distances and carbon footprint for transport.
- Panels shall be installed in accordance with GA-216, *Specifications for the Application and Finishing of Gypsum Panel Products* and ASTM C840, *Standard Specification for Application and Finishing of Gypsum Board*.
- Contact USG at 800.874.4968 for technical questions.

## PART 2 – GYPSUM PANEL PRODUCTS

### 2.1 FLEXIBLE GYPSUM PANEL

- A. ASTM C1396, *Standard Specification for Gypsum Board*, for 1/4 in. (6.4 mm) gypsum wallboard
1. Basis of Design: Subject to compliance with project requirements, the design is based on the following: United States Gypsum Company, USG Sheetrock® Brand Flexible Gypsum Panels
  2. UL Type Designation: Not applicable
  3. ASTM E136 Noncombustibility: Meets
  4. ASTM E84 Surface-Burning Characteristics
    - a. Flame Spread: 15
    - b. Smoke Developed: 0
    - c. Class A (Flame spread not greater than 25 and smoke developed not greater than 450): Meets
  5. ASTM C473, *Standard Test Methods for Physical Testing of Gypsum Panel Products*
    - a. Core Hardness
      - 1) Field [Not less than 11 lbf (49 N)]: Meets
      - 2) End [Not less than 11 lbf (49 N)]: Meets
      - 3) Edge [Not less than 11 lbf (49 N)]: Meets
    - b. Flexural Strength
      - 1) Parallel [Not less than 16 lbf (71 N)]: Meets
      - 2) Perpendicular [Not less than 46 lbf (205 N)]: Meets
    - c. Nail Pull Resistance [Not less than 36 lbf (160 N)]: Meets
    - d. Humidified Deflection (Not required): Meets
  6. Thickness: 1/4 in. (6.4 mm)
  7. Length: 8-12 ft. (2438-3658 mm)
  8. Width: 4 ft. (1219 mm)
  9. Weight: 1.2 lb./sq. ft. (5.9 kg/sq. m.)
  10. Edge: Tapered

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