

## SECTION 09 29 00 - GYPSUM BOARD, 1/2 in. (12.7 mm) USG Sheetrock® Brand UltraLight Panels

#### **Product Summary:**

- Ultralightweight and sag-resistant 1/2 in. (12.7 mm) panels for interior wall and ceiling applications
- Feature proprietary core and paper technologies, resulting in a high strength-to-weight ratio composite design
- Superior score and snap for a cleaner edge and faster installation
- International Code Council® (ICC®) Evaluation Service compliant for ceiling installations, ESR-3365
- Comply with ASTM C1396, *Standard Specification for Gypsum Board*, for 1/2 in. (12.7 mm) gypsum wallboard and 1/2 in. (12.7 mm) gypsum ceiling board
- 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 WB2501 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 LIGHTWEIGHT GYPSUM PANEL
  - A. ASTM C1396, *Standard Specification for Gypsum Board*, for 1/2 in. (12.7 mm) gypsum wallboard and 1/2 in. (12.7 mm) gypsum ceiling board
    - 1. Basis of Design: Subject to compliance with project requirements, the design is based on the following: United States Gypsum Company, USG Sheetrock® Brand UltraLight 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 36 lbf (160 N)]: Meets
        - 2) Perpendicular [Not less than 107 lbf (476 N)]: Meets
      - c. Nail Pull Resistance [Not less than 77 lbf (343 N)]: Meets
      - d. Humidified Deflection, Gypsum Wallboard [Not greater than 1-1/4 in. (32 mm)]: Meets
      - e. Humidified Deflection, Gypsum Ceiling Board [Not greater than 5/16 in. (8 mm)]: Meets
    - 6. Thickness: 1/2 in. (12.7 mm)
    - 7. Length: 8-16 ft. (2438-4877 mm)
    - 8. Width: 4 ft. (1219 mm), 54 in. (1372 mm)
    - 9. Weight: 1.25 lb./sq. ft. (6.1 kg/sq. m.)
    - 10. Edge: Tapered

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