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

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| **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
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| **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 at800.874.4968 for technical questions.
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PART 2 – GYPSUM PANEL PRODUCTS

* + - 1. LIGHTWEIGHT GYPSUM PANEL
				1. 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

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

UL Type Designation: Not applicable

ASTM E136 Noncombustibility: Meets

ASTM E84 Surface-Burning Characteristics

Flame Spread: 15

Smoke Developed: 0

Class A (Flame spread not greater than 25 and smoke developed not greater than 450): Meets

ASTM C473, *Standard Test Methods for Physical Testing of Gypsum Panel Products*

Core Hardness

Field [Not less than 11 lbf (49 N)]: Meets

End [Not less than 11 lbf (49 N)]: Meets

Edge [Not less than 11 lbf (49 N)]: Meets

Flexural Strength

Parallel [Not less than 36 lbf (160 N)]: Meets

Perpendicular [Not less than 107 lbf (476 N)]: Meets

Nail Pull Resistance [Not less than 77 lbf (343 N)]: Meets

Humidified Deflection, Gypsum Wallboard [Not greater than 1-1/4 in. (32 mm)]: Meets

Humidified Deflection, Gypsum Ceiling Board [Not greater than 5/16 in. (8 mm)]: Meets

Thickness: 1/2 in. (12.7 mm)

Length: 8-16 ft. (2438-4877 mm)

Width: 4 ft. (1219 mm), 54 in. (1372 mm)

Weight: 1.25 lb./sq. ft. (6.1 kg/sq. m.)

Edge: Tapered

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