

SECTION 09 29 00 – GYPSUM BOARD, 5/8 in. (15.9 mm) USG Sheetrock® Brand Mold Tough® Panels  
Firecode® X (UL Type SCX)

**Product Summary:**

- 5/8 in. (15.9 mm) Type X panels with moisture and mold resistance for wall and ceiling applications
- Feature a noncombustible, moisture-resistant gypsum core encased in moisture- and mold-resistant, 100% recycled green face and brown back papers
- Comply with ASTM C1396, *Standard Specification for Gypsum Board*, for 5/8 in. (15.9 mm), Type X, water-resistant gypsum wallboard and exterior gypsum soffit board
- When tested in accordance with ASTM D3273, *Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber*, the panels meet or exceed ASTM C1396 specifications
- Underwriters Laboratories Inc. (UL) Classification as to fire resistance, surface-burning characteristics and noncombustibility
- Can be used in any UL Design in which Type SCX panels are listed
- Achieved GREENGUARD Gold Certification and qualifies as a low VOC emitting material (meets CA 01350)
- For more information, refer to product submittal sheet WB2390 or [usg.com](http://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 MOISTURE- AND MOLD-RESISTANT TYPE X GYPSUM PANEL

- A. ASTM C1396, *Standard Specification for Gypsum Board*, for 5/8 in. (15.9 mm), Type X, water-resistant gypsum wallboard and exterior gypsum soffit 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 Mold Tough® Panels Firecode® X
  2. UL Type Designation: “SCX”
  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 46 lbf (205 N)]: Meets
      - 2) Perpendicular [Not less than 147 lbf (654 N)]: Meets
    - c. Nail Pull Resistance [Not less than 87 lbf (387 N)]: Meets
    - d. Humidified Deflection [Not greater than 5/8 in. (15.9 mm)]: Meets
    - e. Average Water Absorption (Not greater than 5% by weight after two-hour immersion): Meets



6. ASTM D3273, *Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber*: Meets ASTM C1396 specifications
7. Thickness: 5/8 in. (15.9 mm)
8. Length: 8-12 ft. (2438-3658 mm)
9. Width: 4 ft. (1219 mm)
10. Weight: 2.2 lb./sq. ft. (10.7 kg/sq. m.)
11. Edge: Tapered

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