

SECTION 092900 - Gypsum Board, USG Sheetrock® Brand Glass-Mat MoldTough® Abuse Resistant VHI Firecode® X

Product Summary:

- 5/8" Type X abuse-resistant (AR) interior panels with moisture and mold resistance.
- Provide superior impact resistance and are an upgrade to regular drywall.
- Resist surface abrasion, indentation and soft-body impact.
- Suitable for use in pre-dry-in (fast-track) and similar applications of wallboard before the building envelope is fully enclosed.
- Noncombustible, moisture- and mold-resistant gypsum core encased in a moisture- and mold resistant fiberglass mat.
- Install and finish similar to standard drywall.
- Can be exposed to weather for up to 12 months after application.
- Per ASTM D32733, the panel score was 10.
- Classified for abuse resistance per ASTM C1629.
- UL Classification as to fire resistance, surface-burning characteristics and non-combustibility.
- Achieved GREENGUARD Gold Certification.
- Refer to product submittal sheet WB2750 for more information.

Note to Specifiers:

- 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.
- Designed for areas where glass-mat gypsum panels are desired.
- Maximum framing spacing 16" (450) o.c.
- For use in commercial applications where greater resistance to indentation and impact damage is required. All abuse resistant partitions shall have a minimum of 20-gauge drywall steel studs (0.0312" design thickness) as defined by the Steel Stud Manufacturers Association (SSMA) are recommended.
- Intended for areas where moisture and mold resistance is desired.
- Any UL design where UL Type AR panels are listed.
- Not suitable for use as a substrate for tile in wet areas such as tubs and showers, gang showers, and other areas subject to direct water exposure. Use as a wall tile substrate is limited to tile installed according to current TCNA and ANSI specifications. Please consult with the adhesive and tile manufacturers for their recommendations for maximum size and weight parameters for use with gypsum board.

2. ABUSE AND MOLD RESISTANT INTERIOR GYPSUM BOARD

A. Abuse Resistant Gypsum Board ASTM C1629: Standard Classification for Abuse-Resistant Non-decorated Interior Gypsum Panel Products and Fiber-Reinforced Cement Panels.

1. Basis of Design: Subject to compliance with project requirements, the design is based on the following: "USG Corporation, Sheetrock® Brand Glass-Mat MoldTough® Abuse Resistant Firecode® X".
 - a. Abrasion Resistance; Level 3.
 - b. Indentation Resistance; Level 1.
 - c. Soft Body Impact Resistance; Level 2.
 - d. Hard Body Impact Resistance; Level 1.
2. UL Type Designation "AR".
3. Thickness: 5/8 inch.
4. Length: [8'-0" (2438)] [9'-0" (2743)] [10'-0" (3048)] [12'-0" (3658)].
5. Widths: 48" (1219).
6. Weight: 2.8 lb./ft².



7. Long Edges: Tapered.
8. Bending radius: 18'-0" (5486) min.

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