

SECTION 092900 - USG Fiberock® Brand Aqua-Tough™ AR Interior Panels

Sustainability Notes:

- Made from 97% recycled materials.

Product Summary:

- Aqua-Tough™ panels provide increased resistance to moisture and mold
- Abuse Resistant: Engineered to provide increased resistance to abrasion, indentation and penetration, this panel outperforms paper-faced or glass mat-faced panels, with no paper face to tear or scratch.
- Mold Resistant: In independent lab tests per ASTM D3273 Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber, USG Fiberock® Aqua-Tough™ AR Interior Panels earn the highest score, 10.
- Fire Resistant: Superior fire resistance and exceptional surface burning characteristics. The 5/8 in. panel is UL Classified for fire resistance (FRX-G) and listed in more than 50 UL wall designs. Finishing Flexibility: Features a smooth, paintable surface that can also be finished with ceramic tile. X
- Refer to product submittal sheet F102 and System Catalogue WB2816 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.
- USG Fiberock® AR Interior Panels are acceptable for use as a ceramic tile backer in dry areas. Refer to the TCNA Handbook for specific system and finishing requirements.
- USG Fiberock® AR Interior Panels are designed for interior use only.
- Panels may be attached to wood or steel-stud framing and furring channels.
- For abuse-resistant or fire-resistant construction, 20-gauge or heavier studs are required.
- For improved abuse-resistant system performance, USG Sheetrock® and Beadex® Brand Paper-Faced Metal Corner Bead and Trim and USG Sheetrock® Brand Tuff-Hide™ Primer-Surfacer are recommended.
- Where USG Fiberock® AR Interior Panels systems abut or intersect dissimilar construction or building structural components, isolation techniques, such as caulk and/or slip tracks, are required.
- Control joints should be spaced at a maximum of 28 ft. on center in walls and above door jambs; 28 ft. on center in ceilings (50 ft. with perimeter relief) and at L-, T- or U-intersections. Location of control joints is the responsibility of the professional/architect.
- Framing members should be straight and true. Studs and joints must be in true alignment; bridging, firestops, etc. must not protrude beyond plane of framing. Due to strength and rigidity of USG Fiberock® AR Interior Panels, it may be difficult to compensate for out-of-plane imperfections in framing.
- 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.

PART 2 – FIBER REINFORCED INTERIOR GYPSUM BOARD

- A. Fiber Reinforced Interior Gypsum Board ASTM C1278: Standard Classification for Fiber Reinforced Interior Gypsum Panel Products.
1. Basis of Design: Subject to compliance with project requirements, the design is based on the following: “USG Corporation, Fiberock® Brand Aqua-Tough™ Abuse Resistant Panels Regular and type X Panels”.
 - a. Abrasion Resistance; Level 1.
 - b. Indentation Resistance; Level 1.
 - c. Soft Body Impact Resistance; Level 2.
 - d. Hard Body Impact Resistance; Level 1.
 2. UL Type Designation “FRX-G”.
 3. ASTM E84 Surface-Burning Characteristics:
 - 1) Flame Spread: 5.
 - 2) Smoke Developed: 0.
 4. Thickness: [$\frac{1}{2}$ ” (12.4 mm)] [$\frac{5}{8}$ ” (15.9 mm)].
 5. Length: [8’-0” (2438)] [9’-0” (2743)] [10’-0” (3048)] [12’-0” (3658)].
 6. Widths: 48" (1219).
 7. Weight: [2.4] [3.1] lb./ft².
 8. Long Edges: Tapered.

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