

## SECTION 092900 - USG Fiberock® Brand Interior Panels

**Sustainability Notes:**

- Made from 97% recycled materials.

**Product Summary:**

- No face paper to scratch or tear
- Resist denting, breaking and puncturing, even in high-traffic areas.
- Provide excellent fire resistance.
- Offer an economical alternative to concrete block and plaster construction.
- Ideal for institutional, commercial and residential interiors.
- 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 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
- 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 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./ft<sup>2</sup>.
  8. Long Edges: Tapered.

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