

GOLD BOND® BRAND 3/4" ULTRA-SHIELD FS™ GYPSUM BOARD

MANUFACTURER

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DESCRIPTION

Gold Bond® BRAND 3/4" Ultra-Shield FS™ Gypsum Board panels consist of a fire-resistant gypsum core encased in heavy natural-finish, 100% recycled paper on the face and back sides. The face paper is folded around the long edges to reinforce and protect the core, and the ends are square-cut and finished smooth. For speed of installation, GridMarX® guide marks are printed on the paper surface.

Long edges of the panels are tapered. Tapered edges allow joints to be reinforced with ProForm® BRAND Joint Tape and concealed with ProForm® BRAND Ready Mix or ProForm® BRAND Quick Set Setting Joint Compounds.

3/4" Ultra-Shield FS Gypsum Board features a Type X core to provide additional fire resistance ratings when used in laboratory tested systems.

BASIC USES

3/4" Ultra-Shield FS - For single layer - steel stud and cavity shaftwall systems. The greater thickness provides increased resistance to fire and reduced sound transmission vs. single layer of 5/8" Type X.

ADVANTAGES

- Reduced labor and material costs by using fewer layers (up to 10%).
- Thicker core equals added abuse resistance.
- Cost-efficient material that readily accepts a wide range of decorative finishes.
- Gypsum Board is easily cut for quick installation, permitting painting or other decoration and the installation of metal or wood trim almost immediately.
- The gypsum core will not support combustion or transmit temperatures greatly in excess of 212°F (100°C) until completely calcined, a slow process.
- UL Classified for fire resistance, surface burning characteristics and noncombustibility.
- Scores and snaps easily, no special handling requirements.
- Expansion and contraction under normal atmospheric changes is negligible.

GREENGUARD CERTIFIED

3/4" Ultra-Shield FS Gypsum Board has achieved GREENGUARD GOLD Certification.



LIMITATIONS

- Exposure to excessive or continuous moisture and extreme temperatures should be avoided. Gypsum Board is not recommended where it will be exposed to temperatures exceeding 125°F (52°C) for extended periods of time.
- Installing 3/4" Ultra-Shield FS Gypsum Board panels over an insulating blanket, installed continuously across the face of the framing members, is not recommended. Blankets should be recessed and flanges attached to the sides of the studs or joists.
- 3/4" Ultra-Shield FS Gypsum Board must be stored off the ground and under cover. Sufficient risers must be used to assure support for the entire length of the gypsum board to prevent sagging.
- 3/4" Ultra-Shield FS Gypsum Board must be kept dry to minimize the potential for mold growth. Adequate care should be taken while transporting, storing, applying and maintaining gypsum board.

For additional information, refer to the Gypsum Association publication, "Guidelines for the Prevention of Mold Growth on Gypsum Board" (GA-238-03, which is available at www.gypsum.org under the "Download Free Gypsum Association Publications" section.

COMPOSITION & MATERIALS

3/4" Ultra-Shield FS Gypsum Board is a manufactured panel with a Type X gypsum core encased with paper. Fire-Shield core gypsum board also contains various aggregates such as fiberglass to enhance the fire resistive qualities. 3/4" Ultra-Shield FS Gypsum Board contains no asbestos.

ACCESSORIES

- Fasteners: drywall screws, nails and/or adhesives
- ProForm Fiberglass Mesh Tape
- ProForm Joint Tape
- Cornerbead, casing beads
- ProForm Ready Mix or ProForm Quick Set/Quick Set Lite Setting Compound
- E-Z Strip control joints or .093 zinc control joints

Job Name _____

Contractor _____ Date _____

Submittal Approvals: (Stamps or Signatures)

TECHNICAL DATA

PHYSICAL PROPERTIES

Thickness, nominal	3/4" Type X (19.05 mm)
Width, nominal	4' (1219 mm)
Length, standard	8' through 12' (2438-3657 mm)*
Weight, lbs./sq.ft., nominal	2.85
Edges	Tapered
Surface Burning Characteristics (per ASTM E 84)	Flame Spread: 15 Smoke Developed: 0

* Special lengths may be available. Contact your local Sales Representative for more information.

APPLICABLE STANDARDS AND REFERENCES

ASTM C 1396

ASTM C 840

Gypsum Association GA-216

Gypsum Association GA-214

National Gypsum Company, *Gypsum Construction Guide*

FIRE RESISTANT RATINGS

Fire resistance ratings represent the results of tests on assemblies made up of specific materials in a specific configuration. When selecting construction designs to meet certain fire resistance requirements, caution must be used to insure that each component of the assembly is the one specified in the test. Further, precaution should be taken that assembly procedures are in accordance with those of the tested assembly. (For copies of specific test (W432, W441 or V438), call 1-800-NATIONAL.)

UL CORE DESIGNATION

3/4" Ultra-Shield FS - UltraShield

INSTALLATION

RECOMMENDATIONS

Installation of 3/4" Ultra-Shield FS Gypsum Board should be consistent with the methods described in the standards and references noted.

GRIDMARX®

3/4" Ultra-Shield FS Gypsum Board comes standard with GridMarX® guide marks, printed on the paper surface. These guide marks align with standard building dimensions and help to quickly identify fastener lines for stud and joist framing. Using GridMarX, accurate cuts can be made without having to draw lines. The use of GridMarX also provides quick identification and uniform nail/screw patterns.

GridMarX guide marks run the machine direction of the board at five points in 4" increments. Marks run along the edge in both tapers and at 16", 24" and 32" in the field of the board. The marks cover easily with no bleed-through using standard paint products.

Vertical Application - In a vertical application, GridMarX serve as a **guide mark** to help identify the exact location of framing members behind the gypsum board eliminating the need for field applied vertical lines.

Horizontal Application - In a horizontal application, GridMarX serve as a **reference mark** to help identify the location of framing members behind the gypsum board. (If framing member is located 2" to the right of the GridMarX at the top edge of the board, it will be located 2" to the right down the face of the board)

DECORATION

For best painting results, all surfaces, including joint compound, should be clean, dust-free and not glossy. To improve fastener and joint concealment, a coat of a quality primer is recommended to equalize the porosities between surface paper and joint compound.

The selection of a paint to give the specified or desired finished characteristics is the responsibility of the architect or contractor.

3/4" Ultra-Shield FS Gypsum Board that is to have a wallcovering applied to it should be prepared and primed as described for painting.

Gypsum Association GA-214, *Recommended Specification for Levels of Gypsum Board Finish*, should be referred to in order to determine the level of finishing needed to assure a surface properly prepared to accept the desired decoration

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