

GOLD BOND® BRAND 5/16" XP® FIRE-SHIELD GYPSUM BOARD

MANUFACTURER

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DESCRIPTION

Gold Bond® BRAND 5/16" XP® Fire-Shield Gypsum Board with Sporgard™* consists of a high density, fire-resistant, gypsum core encased in a heavy abrasion and mold/mildew/moistur PURPLE® paper. Used in the construction of multi-layered, fire rated wall assemblies. Specifically engineered for radius applications requiring a fire rating.

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 Compounds. For optimum mold and mildew performance, ProForm BRAND XP® Ready Mix is recommended for use.

BASIC USES

For use on multi-layered, fire rated wall assemblies. 5/16" XP Fire-Shield Gypsum Board in radius applications requiring a fire rating are based on testing conducted in accordance with ASTM E119 for linear construction.

ADVANTAGES

- Resists the growth of mold per ASTM G 21 with a score of 0, the best possible score.
- Resists the growth of mold per ASTM D 3273 with a score of 10, the best possible score.

- The gypsum core will not support combustion or transmit temperatures greatly in excess of 212°F (100°C) until completely calcined, a slow process.
- Scores and snaps easily, no special handling requirements.
- Heavy abrasion resistant paper and denser core provide greater resistance to surface abuse when tested in accordance with ASTM C 1629.
- Lightweight, cost-efficient material that readily accepts a wide range of decorative finishes.

GREENGUARD CERTIFIED

5/16" XP Fire-Shield Gypsum Board have achieved GREENGUARD GOLD Certification.



MOLD AND MILDEW RESISTANCE

5/16" XP Fire-Shield Gypsum Board products were designed to provide extra protection against mold and mildew compared to standard gypsum board products. When tested by an independent laboratory, 5/16" XP Fire-Shield Gypsum Board products received the highest possible ratings on ASTM G 21 and ASTM D 3273.

No material can be considered "mold proof," nor is it certain that any material will resist mold or mildew indefinitely. When used in conjunction with good design, handling and construction practices, 5/16" XP Fire-Shield Gypsum Board products can provide increased mold resistance versus standard gypsum board products. As with any building material, avoiding water exposure during handling, storage and installation, and after installation is complete, is the best way to avoid the formation of mold or mildew.

LIMITATIONS

- For interior use only.
- Exposure to excessive or continuous moisture and extreme temperatures should be avoided.
- 5/16" XP Fire-Shield Gypsum Board is not recommended where it will be exposed to temperatures exceeding 125°F (52°C) for extended periods of time
- 5/16" XP Fire-Shield Gypsum Board should not be used as a backer board directly behind tile and wall panels in tub and shower areas.
- 5/16" XP Fire-Shield Gypsum Board should not be used in areas subject to constant and/or excessive moisture and high humidity such as gang showers, saunas, steam rooms and swimming pool enclosures. PermaBase® BRAND Cement Board is recommended for these areas.

Job Name _____

Contractor _____ Date _____

Submittal Approvals: (Stamps or Signatures)

- 5/16" XP Fire-Shield 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.
- 5/16" XP Fire-Shield 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

5/16" XP Fire-Shield Gypsum Board is a manufactured panel with a gypsum core encased with paper. 5/16" XP Fire-Shield Gypsum Board contains no asbestos.

UL CORE DESIGNATION

5/16" XP FS Gypsum: FSW

ACCESSORIES

- Fasteners: drywall screws
- ProForm Joint Tape
- ProForm Ready Mix or ProForm Quick Set/Quick Set Lite Setting Compound
- Cornerbead, trims, casing beads
- Furring Channels
- E-Z Strip control joints or .093 zinc control joints

RECOMMENDATIONS

Installation of 5/16" XP Fire-Shield Gypsum Board should be consistent with methods described in the standards and references noted.

GridMarX® 5/16" XP Fire-Shield Gypsum Board comes standard with GridMarX

TECHNICAL DATA

PHYSICAL PROPERTIES

Thickness, nominal	5/16" (7.94 mm)
Width, nominal	4' (1219 mm)
Length, standard	8', 10', 12' (2438, 3048, 3657 mm)
Weight, lbs./sq.ft., nominal	1.3 - 1.4
Edges	Tapered
Surface Burning Characteristics (per ASTM E 84)	Flame Spread: 15 Smoke Developed: 0

APPLICABLE STANDARDS AND REFERENCES

ASTM C 1396
ASTM C 840
ASTM D 3273
ASTM G 21
Gypsum Association GA-216
Gypsum Association GA-214
Gypsum Association GA-801

INSTALLATION

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.

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 high quality drywall primer is recommended to equalize the

absorption 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.

5/16" XP Fire-Shield Gypsum Board that is to have a wall covering 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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