

GOLD BOND® BRAND XP® GYPSUM BOARD

MANUFACTURER

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DESCRIPTION

Gold Bond® BRAND XP® Gypsum Board was developed as an improved moisture resistant board, offering the same advantages of a traditional moisture resistant board with added mold resistance in the core and paper. XP Gypsum Board panels consist of a specially treated, fire resistant, mold and moisture resistant gypsum core encased in heavy mold/mildew/moisture resistant, 100% recycled purple paper on the face side and mold/mildew/moisture resistant paper on the back side. XP Gypsum Board was designed to provide extra protection against mold and mildew compared to standard gypsum board products. The face paper is folded around the long edges to reinforce and protect the core, and the ends are square-cut and finished smooth. 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, Easy Finish® BRAND Ready Mix or ProForm® BRAND Sta-Smooth Joint Compounds. For optimum mold and mildew performance, National Gypsum recommends ProForm® BRAND XP® Ready Mix.

Gold Bond® BRAND XP Fire-Shield® Gypsum Board features a Type X core to provide additional fire resistance ratings when used in tested systems.

Gold Bond® BRAND XP Fire-Shield C Gypsum Board Panels have a specially formulated Type X core to achieve superior performance when used in specific fire-rated

assemblies where the weight and number of gypsum board layers are a concern.

BASIC USES

1/2" Regular - For single-layer application in residential construction.

1/2" Fire-Shield C - For single- or multi-layer construction in fire-tested assemblies.

5/8" Fire-Shield - For single- or multi-layer drywall construction. The greater thickness provides increased resistance to fire and reduced sound transmission.

ADVANTAGES

- Lightweight, cost-efficient material that readily accepts a wide range of decorative finishes.
- XP Gypsum Board is moisture resistant and can be used as a tile backerboard in dry areas or areas with limited water exposure such as toilet/sink areas and areas above tile in tubs and showers.
- 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.

- Expansion and contraction under normal atmospheric changes is negligible.

MOLD AND MILDEW RESISTANCE

XP Gypsum Board was designed to provide extra protection against mold and mildew compared to standard gypsum board products. When tested by an independent lab per ASTM D 3273 ("Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber"), XP Gypsum Board achieved a score of 10, the best possible score for this test.

The use of XP Gypsum Board in actual installations may not produce the same results as were achieved in controlled, laboratory conditions. 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, XP Gypsum Board 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

- 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.
- XP Gypsum Board should not be used as a backer board directly behind tile in tub and shower areas.
- XP Gypsum Board should not be used in areas subject to constant and/or excessive moisture and high humidity such as gang showers, saunas and steam room and swimming pool enclosures. PermaBase® BRAND Cement Board is recommended for these applications.
- Installing 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.

(Continued next page)

Job Name _____

Contractor _____ Date _____

Submittal Approvals: (Stamps or Signatures)

- 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.
- 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

Gypsum Board is a manufactured panel with a gypsum core encased with paper. Gypsum Board contains no asbestos. Fire-Shield core gypsum board also contains various aggregates such as fiberglass to enhance the fire-resistive qualities.

ACCESSORIES

Fasteners: drywall screws, nails or adhesives
 Joint tape
 Joint compound
 Cornerbeads
 Trims
 Casing beads
 Furring channels
 E-Z Strip control joints
 .093 zinc control joint

SIZES

Regular Gypsum Board
Width: 4' (1219 mm)
Lengths: 8's, 10's and 12's (2438 – 3657 mm)
Thickness: 1/2" (12.7 mm)
Weight: 1/2" - 1.75 lbs./SF

Fire-Shield Gypsum Board (includes "C")
Width: 4' (1219 mm)
Lengths: 8's, 10's and 12's (2438 – 3657 mm)
Thickness: 1/2" (12.7 mm)
 5/8" (15.9 mm)
Weight: 1/2" C - 1.95 lbs./SF
 5/8" - 2.4 lbs./SF

Edges:

Regular Gypsum Board:
 Square or tapered
 Fire-Shield Gypsum Board:
 Square or tapered

APPLICABLE STANDARDS

ASTM C 1396/C 630
 ASTM C 473
 Federal specification SS-L-30D Type III (Regular)
 Federal specification SS-L-30D Type III Grade X (Fire-Shield)

TECHNICAL DATA

SURFACE BURNING CHARACTERISTICS

ASTM E 84
 Flame spread: 15
 Smoke developed: 0

FIRE RESISTANCE 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 tests, call 1-800-NATIONAL. For fire safety information, see www.nationalgypsum.com)

WATER ABSORPTION

ASTM C 473
 Less than 5% water absorption by weight after 2-hour immersion.

INSTALLATION

APPLICABLE STANDARDS AND REFERENCES

ASTM C 840
 Gypsum Association GA-216
 Gypsum Association GA-214
 National Gypsum Co. *Gypsum Construction Guide*

RECOMMENDATIONS

Installation of Gypsum Board should be consistent with methods described in the standards and references noted.

GRIDMARX®

Gold Bond® BRAND 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 drywall 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.

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.

National
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Excellence Across The Board