

GOLD BOND® BRAND XP® GYPSUM BOARD

MANUFACTURER

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DESCRIPTION

1/2" Gold Bond® BRAND XP® Gypsum Board with Sporgard™* 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, gypsum core encased in a heavy mold/mildew/moisture resistant, 100% recycled, purple paper on the face side and a heavy, mold/mildew/moisture resistant, 100% recycled, gray paper on the back side.

XP Gypsum Board was designed to provide extra protection against mold and mildew compared to standard wallboard 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 setting compounds.

For optimum mold and mildew performance, National Gypsum recommends ProForm® BRAND XP® Ready Mix.

BASIC USES

1/2" XP Gypsum Board may be installed in all wall and ceiling applications and is ideally suited where enhanced moisture and mold resistance is desired.

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.
- XP Fire-Shield 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 wall and ceiling areas above tile in tubs and showers.
- 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.
- Less than 5% water absorption per ASTM C 473.

MOLD AND MILDEW RESISTANCE

Gold Bond® BRAND XP® Gypsum Board products were designed to provide extra protection against mold and mildew compared to standard wallboard products. When tested by an independent laboratory, XP Gypsum Board products

received the highest possible ratings on ASTM G 21 and 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, XP Gypsum Board products can provide increased mold resistance versus standard wallboard 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.

GREENGUARD CERTIFIED

The GREENGUARD Certification Program™ is an industry independent, third-party program that has been certifying products for low non-toxic emissions since 2001. To achieve GREENGUARD Indoor Air Quality Certified status, National Gypsum's products passed rigorous sample testing and review of the manufacturing processes to meet strict standards set by the GREENGUARD



Environmental Institute (GEI)—a globally recognized leader in indoor air quality—to determine their impact on indoor air pollution. To achieve GREENGUARD Children & Schools Certification, XP Gypsum Board products met even more stringent emissions limits that take into account the added sensitivity of children and adults with compromised immune systems.

LIMITATIONS

- For interior use only.
- 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 and wall panels in tub and shower areas.
- Maximum framing spacing for ceiling applications not to exceed 16" o.c. for installation parallel to framing and maximum 24" o.c. for installation perpendicular to framing. On ceilings to receive hand- or spray-applied water-based

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Job Name _____

Contractor _____ Date _____

Submittal Approvals: (Stamps or Signatures)

texture material, XP Gypsum Board products are to be installed perpendicular to framing.

- 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.
- 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.

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

TECHNICAL DATA

PHYSICAL PROPERTIES

Thickness, Nominal	1/2" Regular (12.7mm)
Width, Nominal	4' (1219mm)
Length, Standard	8'-12' (2438-3657mm)
Weight, Nominal (lbs./sq.ft.)	1/2" Regular - 1.75
Edges	Squared or Tapered
Surface Burning Characteristics (per ASTM E 84)	Flame Spread: 15 Smoke Developed: 0
Water Absorption (per ASTM C 473)	<5%
Mold Resistance (per ASTM D 3273)	10
Mold Resistance (per ASTM G 21)	0
Permeability (per ASTM E 96)	37*

**Not classified a vapor barrier*

APPLICABLE STANDARDS AND REFERENCES

ASTM C 1396
ASTM C 840
ASTM D 3273
ASTM G 21
ASTM C 473
Gypsum Association GA-216
Gypsum Association GA-214
Federal Specification SS-L-30D Type VII (Grade R)
National Gypsum Company, <i>Gypsum Construction Guide</i>

INSTALLATION

RECOMMENDATIONS

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

GRIDMARX®

Gold Bond® BRAND XP 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.

