

# GOLD BOND® BRAND GYPSUM BOARD

## MANUFACTURER

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## DESCRIPTION

Gold Bond® BRAND 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 or square. 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.

## BASIC USES

1/4" - Lightweight, low-cost utility gypsum panel for interior use as a base layer for improving sound control in double-layer steel and/or wood stud partitions. Also for use over old wall and ceiling surfaces. Also applicable for forming curved surfaces with short radii.

3/8" - Lightweight for interior use in the double-wall systems over wood framing, and for repair and remodeling.

1/2" - For single-layer interior use in residential construction and non-rated commercial construction.

## ADVANTAGES

- Lightweight, 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.
- Expansion and contraction under normal atmospheric changes are negligible.

## GREENGUARD CERTIFIED

Gypsum Board is GREENGUARD Children & Schools™ Certified for indoor air quality.



## 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.

- To prevent objectional sag in gypsum paneled ceilings, the weight of overlaid unsupported insulation should not exceed the following recommendations:

PSF (Lbs./Sq. Ft.)	Type	Frame Spacing
1.3 (6.3 kg/M <sup>2</sup> )	1/2" Regular	24" o.c.
2.2 (10.7 kg/M <sup>2</sup> )	1/2" Regular	16" o.c.

Panels 3/8" thick must not be overlaid with unsupported insulation. If required, a vapor retarder can be installed in exterior ceilings, and plenum or attic spaces should be properly vented.

- 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 Wallboard" (GA-238-03), which is available at [www.gypsum.org](http://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
- ProForm Joint Tape
- ProForm Ready Mix or ProForm Quick Set/Quick Set Lite Setting Compound
- Furring channels
- E-Z Strip control joints or .093 zinc control joints

(Continued next page)

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_ Date \_\_\_\_\_

Submittal Approvals: (Stamps or Signatures)

## TECHNICAL DATA

### PHYSICAL PROPERTIES

Thickness, nominal	1/4" Regular (6.4 mm)
Thickness, nominal	3/8" Regular (9.5 mm)
Thickness, nominal	1/2" Regular (12.7 mm)
Width, nominal*	4' (1,219 mm)
Length, standard	6' through 16' (1,829 mm - 4,877 mm)
Weight, lbs./sq. ft., nominal	1/4" Regular - 1.2
Weight, lbs./sq. ft., nominal	3/8" Regular - 1.2
Weight, lbs./sq. ft., nominal	1/2" Regular - 1.6
Edges	Square or Tapered
Surface Burning Characteristics (per ASTM E 84)	Flame Spread: 15 Smoke Developed: 0

\*54" wide Gypsum Board available in 1/2" thickness

### APPLICABLE STANDARDS AND REFERENCES

ASTM C 1396

ASTM C 840

Gypsum Association GA-216

Gypsum Association GA-214

Federal Specification SS-L-30D Type III (Grade R)

National Gypsum Company, *Gypsum Construction Guide*

## INSTALLATION

### RECOMMENDATIONS

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

#### GRIDMARX®

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 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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