

# Gold Bond<sup>®</sup> BRAND XP<sup>®</sup> Gypsum Board

## Introduction

National Gypsum has a tradition of improving products through innovation – a tradition that continues today with the introduction of the Gold Bond BRAND XP Gypsum Board with Sporgard™. \* Sporgard is the most sophisticated mold fighting technology for building materials available today, and National Gypsum is proud to be the first building products company to offer it. Sporgard is a combination of mold inhibitors manufactured into building materials for the most advanced defense against mold. The technology comes from Syngenta, a world leader in mold control.

## 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, 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<sup>®</sup> BRAND Joint Tape and concealed with ProForm brand Ready Mix, ProForm Easy Finish<sup>®</sup> Ready Mix or ProForm Sta-Smooth Setting Compounds.

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

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

Gold Bond 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.

## Features/Benefits

- The product is mold, mildew and moisture resistant.
- 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.
- Panels are for use in interior areas.
- UL Classified for fire resistance, surface burning characteristics and noncombustibility.
- Scores and snaps easily, no special handling requirements.
- Per ASTM C 473 with less than 5% water absorption by weight after 2-hour immersion.
- ASTM D 3273 score 10 (highest)
- ASTM G 21 score 0 (highest)
- GREENGUARD Children & Schools Certified<sup>®</sup> for indoor air quality

## 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 ensure that each component of the assembly is the one specified in the test. Further precautions 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

**[nationalgypsum.com](http://nationalgypsum.com).**

## Technical Information

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## Technical Data

### PHYSICAL PROPERTIES

<b>Thickness, nominal:</b>	1/2" (12.7 mm)	5/8" (15.9 mm)
<b>Width, nominal:</b>	48" (1220 mm)	48" (1220 mm)
<b>Length, standard:</b>	8' (2440 mm), 10' (3060 mm), 12' (3660 mm)	12' (4270 mm)
<b>Weight, lbs./sq. ft., nominal:</b>	1.75	2.4
<b>Edges:</b>	Tapered	Tapered
<b>Surface Burning Characteristics: (per ASTM E 84)</b>	Flame spread: 15 Smoke developed: 0	
<b>Packaging:</b>	2 pcs./bundle	

### MAXIMUM FRAMING SPACING – For Single Layer XP Wallboard

	Gypsum Board Thickness	Gypsum Board Orientation to Framing	Maximum Framing Spacing
<b>Ceilings:</b>	1/2" (12.7 mm)	Parallel	16" (406 mm) o.c.
	1/2" (12.7 mm)	Perpendicular	24" (610 mm) o.c.
	5/8" (15.9 mm)	Parallel	16" (406 mm) o.c.
	5/8" (15.9 mm)	Perpendicular	24" (610 mm) o.c.
<b>Walls:</b>	1/2" (12.7 mm)	Perpendicular or Parallel	24" (610 mm) o.c.
	5/8" (15.9 mm)	Perpendicular or Parallel	24" (610 mm) o.c.

**NOTE:** On ceilings to receive hand or spray applied, water based texture material, XP wallboard products shall be applied perpendicular to framing.

### APPLICABLE STANDARDS AND REFERENCES

ASTM C 1396/ASTM C 473  
Gypsum Association GA-216  
Gypsum Association GA-214  
National Gypsum Company's *Gypsum Construction Guide*

## Sporgard

Sporgard is the most sophisticated mold fighting technology for building materials available today. Sporgard is a combination of multiple mold inhibitors manufactured into building products to actively combat mold. Materials produced with Sporgard technology can be handled and installed just like standard gypsum board, with no additional steps or precautions involved.



\* Sporgard is a trademark of a Syngenta Group Company.

## GREENGUARD Certified

XP Gypsum Board with Sporgard is GREENGUARD Children & Schools Certified<sup>®</sup> for indoor air quality.

The GREENGUARD Children & Schools CERTIFIED<sup>®</sup> Mark is a registered certification mark used under license through the GREENGUARD Environmental Institute.



## Mold and Mildew Resistance

XP Gypsum Board with Sporgard was designed to provide extra protection against mold and mildew compared to standard wallboard products. When tested by an independent laboratory, XP Gypsum Board with Sporgard received the highest possible ratings on ASTM G 21 and D 3273.

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 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.

**National**  
**Gypsum<sup>®</sup>**

*Excellence Across The Board<sup>®</sup>*