

GOLD BOND® BRAND HI-ABUSE® XP® GYPSUM BOARD

MANUFACTURER

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DESCRIPTION

Gold Bond® BRAND Hi-Abuse® XP® Gypsum Board with Sporgard™* consists of a tapered edge, fire-resistant Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant, 100% recycled, National Gypsum's original PURPLE™ paper on the face side and a heavy, abrasion and mold/mildew/moisture resistant, 100% recycled gray paper on the back side.

Hi-Abuse XP Gypsum Board is designed to provide extra protection against mold and mildew compared to standard gypsum board products. The panels feature a specially formulated core to provide greater resistance to surface indentation and abuse. Tapered edges allow joints to be reinforced with ProForm® BRAND Joint Tape and concealed with ProForm® BRAND Ready Mix or Quick Set Setting Compounds. For optimum mold performance, ProForm® BRAND XP® Ready Mix is recommended for use.

BASIC USES

This unique gypsum board is designed for use in wall assemblies in areas where surface durability, indentation and mold/mildew resistance are major concerns.

5/8" Fire-Shield Hi-Abuse XP panels may be used where Type X gypsum panels are specified in some fire-rated wall and floor-ceiling assemblies (e.g., UL U300, U400, V400 and L500 series).

*Sporgard is a trademark of a Syngenta Group Company

ADVANTAGES

- Provides greater resistance to surface abuse and indentation over standard gypsum board.
- Hi-Abuse XP Gypsum Board features a smooth, heavy, robust face paper that is highly resistant to scuffing and provides a superior surface for decoration.
- Hi-Abuse XP Gypsum Board is easily scored and snapped for quick installation. Openings and outlet boxes are cut out in the same manner as standard gypsum board.
- The gypsum core will not support combustion or transmit temperatures greatly in excess of 212°F (100°C) until completely calcined, a slow process.
- 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.
- Does not require the added strength of a setting type compound for joint reinforcement.
- Allows for same joint treatment reinforcement procedures as standard drywall, thereby reducing cost and the risk of improper installation.

- Hi-Abuse XP Gypsum Board can be used as a tile backer board in dry areas only.

GREENGUARD CERTIFIED

Hi-Abuse XP Gypsum Board is GREENGUARD Children & SchoolsSM Certified for indoor air quality.



MOLD AND MILDEW RESISTANCE

Hi-Abuse XP Gypsum Board was designed to provide extra protection against mold and mildew compared to standard gypsum board products. When tested by an independent laboratory, Hi-Abuse XP 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, Hi-Abuse XP 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

- Exposure to excessive or continuous moisture and extreme temperatures should be avoided. Hi-Abuse XP Gypsum Board is not recommended where it will be exposed to temperatures exceeding 125°F (52°C) for extended periods of time.
- Hi-Abuse XP Gypsum Board shall not be used where there will be direct exposure to water or continuous high humidity conditions, such as found in tub and shower enclosures, saunas, steam rooms and gang showers. If the area is to be exposed to water or continuous high humidity, National Gypsum's PermaBase® BRAND Cement Board should be used.
- Installing Hi-Abuse XP 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)

- Hi-Abuse XP 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.
- For optimum performance, use 20 gauge steel framing.
- Hi-Abuse XP 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 Wall-board" (GA-238-03), which is available at www.gypsum.org under the "Download Free Gypsum Association Publications" section.

COMPOSITION & MATERIALS

Hi-Abuse XP Gypsum Board is a manufactured panel with a high density gypsum core encased in tough, robust paper. Hi-Abuse XP Gypsum Board also contains glass fibers to enhance the fire resistive qualities. Hi-Abuse XP Gypsum Board contains no asbestos.

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

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.)

UL CORE DESIGNATION

5/8" Hi-Abuse XP: FSW

INSTALLATION

RECOMMENDATIONS

Installation of Hi-Abuse XP Gypsum Board should be consistent with methods described in the standards and references noted. For best impact performance, use vertical application.

Listed impact/penetration ratings apply to walls constructed with Hi-Abuse XP Gypsum Board applied with long edges parallel to and centered over minimum 20 gauge framing members spaced a maximum of 16" o.c.

GRIDMARX®

Hi-Abuse 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 high 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.

Hi-Abuse XP 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.

TECHNICAL DATA

PHYSICAL PROPERTIES

Thickness, nominal	5/8" Type X (15.9 mm)
Width, nominal	4' (1219 mm)
Length, standard	8' through 12' (2438 mm - 3657 mm)
Weight, lbs./sq.ft., nominal	2.8
Edges	Tapered
Surface Burning Characteristics (per ASTM E 84)	Flame spread: 15 Smoke developed: 0
Surface Abrasion Resistance (per ASTM C 1629)	Level 3
Indentation Resistance (per ASTM C 1629)	Level 1
Soft Body Impact Resistance (per ASTM C 1629)	Level 2
Hard Body Impact Resistance (per ASTM C 1629)	Level 1

APPLICABLE STANDARDS AND REFERENCES

ASTM C 1396
ASTM C 1629
ASTM C 840
ASTM D 3273
ASTM G 21
Gypsum Association GA-216
Gypsum Association GA-214
Gypsum Association GA-801
National Gypsum Company, <i>Gypsum Construction Guide</i>

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