

# GOLD BOND® BRAND FIRE-SHIELD® SHAFTLINER XP®

## MANUFACTURER

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## DESCRIPTION

Gold Bond® BRAND Fire-Shield® Shaftliner XP® Gypsum Panels with Sporgard™ consist of a fire-resistant Type X gypsum core encased in a heavy moisture/mold/mildew-resistant, 100% recycled, National Gypsum's original PURPLE™ paper on the face and back sides. Shaftliner XP was designed to provide extra protection against mold and mildew. 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 panels are beveled for ease of installation.

## BASIC USES

Shaftliner XP panels are designed to be used to construct lightweight fire barriers for cavity shaft walls and area separation fire walls in multifamily housing. The panels are key components in the I-Stud, C-T Stud and C-H Stud Cavity Shaftwall Systems and the H-Stud Area Separation Fire Wall Systems.

## ADVANTAGES

- Resists growth of mold and mildew per ASTM D 3273 with a score of 10, the best possible score.
- Lightweight, cost-efficient material.
- Shaftliner XP is easily cut for quick installation.

- The gypsum core will not support combustion or transmit temperatures greatly in excess of 212°F (100°C) until completely calcined, a slow process.
- UL Classified for fire resistance, surface burning characteristics and non-combustibility.
- Shaftliner XP may be substituted for National Gypsum's Gold Bond BRAND Fire-Shield Shaftliner in Cavity Shaftwall, Area Separation Fire Wall Systems and solid laminated partitions.

## MOLD AND MILDEW RESISTANCE

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

The use of Shaftliner XP 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 indefinitely. When used in conjunction with good design, handling and construction practices, Shaftliner XP can provide increased mold resistance versus standard shaftliner 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.
- Non-load bearing.
- To prevent weakening due to calcining, Shaftliner XP panels, like any gypsum wall-board, should not be exposed to temperatures over 125°F (52°C) for extended periods of time.
- Limiting loads and heights not to exceed design specification.
- Not to be used in an unlined air supply duct.

- Shaftliner XP 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.
- Shaftliner XP 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](http://www.gypsum.org) under the "Download Free Gypsum Association Publications" section.

## COMPOSITION & MATERIALS

Shaftliner XP is a manufactured panel with a fire resistive Type X core encased in moisture- and mold-resistant paper.

Contains no asbestos

(Continued next page)

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

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

Submittal Approvals: (Stamps or Signatures)

## ACCESSORIES

- Fasteners
  - I-Studs
  - C-T Studs
  - C-H Studs
  - J-Track
  - H-Studs
  - C-Runner
- Or
- Approved metal shaftwall and area separation fire wall components
  - Drywall beads and trim
  - ProForm Ready Mix or ProForm Quick Set/Quick Set Lite Setting Compound
  - ProForm Joint Tape

## TECHNICAL DATA

### PHYSICAL PROPERTIES

Thickness, nominal	1" Type X (25.4mm)
Width, nominal	2' (610mm)
Length, standard	8' through 12' (2438-3657mm)
Weight, lbs./sq.ft., nominal	3.75
Edges	Double Beveled
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

### APPLICABLE STANDARDS AND REFERENCES

ASTM C 1396
ASTM D 3273
Gypsum Association GA-801, <i>Handling and Storage of Gypsum Panel Products</i>
Federal Specification SS-L-30D Type IV (Grade X)
National Gypsum Company, <i>Gypsum Construction Guide</i>

## FIRE RESISTANCE RATINGS

Fire resistance ratings represent the results of tests on assemblies made up of materials authorized by National Gypsum in specific configurations. 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, 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.)

## UL CORE DESIGNATION

Shaftliner XP: FSW

## INSTALLATION

### RECOMMENDATIONS

Installation of Shaftliner XP should be consistent with methods described in specific application details for Cavity Shaftwall Systems or H-Stud Area Separation Fire Wall Systems or other fire-rated designs.