

GOLD BOND® BRAND 1" FIRE-SHIELD® SHAFTLINER XP®

MANUFACTURER

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DESCRIPTION

Shaftliner XP® Gypsum Panels consist of a fire-resistant type X gypsum core encased in a heavy moisture/mold/mildew-resistant, 100% recycled 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

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

ADVANTAGES

- Resists growth of mold and mildew per ASTM D 3273
- Lightweight, cost-efficient material.
- Shaftliner 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.
- Expansion and contraction under normal atmospheric changes are negligible.

- 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 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 lab per ASTM D3273 ("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, 1" Fire-Shield Shaftliner panels, like any gypsum wallboard, 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.

MATERIALS

Manufactured panels with gypsum core, paper-encased.

Contains no asbestos.

1" Fire-Shield Shaftliner,
I-Studs, J-Track, H-Studs and
H-Stud Track

ACCESSORIES

Fasteners

I-Studs

J-Track

H-Studs

H-Stud Track

Or

Approved metal shaftwall and area separation wall components

Drywall beads and trim

ProForm Ready Mix Joint Compound

ProForm BRAND Joint Tape (paper)

SIZES

Width: 2' (610 mm)

Length: 7' through 14'
(2134–4267 mm)

Thickness: 1" (25.4 mm)

Edges: Double-beveled

HANDLING PRECAUTIONS

Always store Shaftliner XP Gypsum Panels flat on a level surface, and support with properly placed risers. Care should be taken to avoid impact, unwarranted flexing and subsequent damage to board edges, ends and corners.

Appropriate storage and handling is outlined in Gypsum Association GA-801.

(Continued next page)

Job Name _____

Contractor _____ Date _____

Submittal Approvals: (Stamps or Signatures)

APPLICABLE STANDARDS

ASTM C 442 / C 1396, Type X
Federal specification SS-L-30D
Type IV Grade X

▶ TECHNICAL DATA

SURFACE BURNING CHARACTERISTICS

Flame spread: 15
Smoke developed: 0

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.)

▶ INSTALLATION

Installation of 1" Shaftliner XP Gypsum Panels should be consistent with methods described in specific application details for I-Stud Cavity Shaftwall Systems, I-Stud or H-Stud Area Separation Wall Systems or other fire-rated designs shown in National Gypsum Company's *Gypsum Construction Guide*.

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Excellence Across The Board 