Gold Bond® BRAND

1" Fire-Shield® Shaftliner XP®

National Gypsum®
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Description
Gold Bond® BRAND 1" Fire-Shield® 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. 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 have a double-beveled edge for ease of installation.

Gold Bond® 1" Shaftliner XP panels are designed to be used in construction of lightweight fire barriers for cavity shafts, area separation walls and stairwells for 1 hour to 4 hour assemblies in multi-family construction of lightweight fire barriers.

Features/Benefits
■ UL Classified for fire resistance, surface burning characteristics and non-combustibility.
■ Shaftliner XP may be substitution for National Gypsum’s Gold Bond® BRAND Fire-Shield Shaftliner in Cavity Shaftwall, Area Separation Wall Systems and solid laminated partitions.
■ Fire-Shield Shaftliner XP has achieved GREENGUARD GOLD Certification for indoor air quality.

Fire Resistance Ratings
Fire-Shield Shaftliner XP is UL Classified and approved for inclusion in specific UL fire-rated designs: U347, U497, U498, U499, V451, W414, W419. 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.)

Technical Information
Phone: (800) NATIONAL
Fax: (800) FAX-NGC1
Web: nationalgypsum.com
nationalgypsum.com/espanol

Technical Data

PHYSICAL PROPERTIES
Thickness, nominal 1" (25.4 mm)
Width, nominal 24" (610 mm)
Length, standard 8' (2440 mm) to 12' (4270 mm)
Weight, lbs./sf, nominal 3.75
Edges Double-beveled
Surface Burning Characteristics
(per ASTM E 84) Flame spread: 15 Smoke developed: 0
Packaging Single pieces

Flexural Strength
— Parallel 275 lbf., per ASTM C 473
— Perpendicular 228 lbf., per ASTM C 473
— R Value 0.65, per ASTM C 518

Mold and Mildew Resistance*
Gold Bond® BRAND 1" Fire-Shield® Shaftliner XP® was designed to provide extra protection against mold and mildew compared to standard wallboard products. 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 or mildew 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.

1" (25.4 mm)

3-1/16"

28 lbf., per ASTM C 473
7 lbf., per ASTM C 473
77 lbf., per ASTM C 473
228 lbf., per ASTM C 473
0.65, per ASTM C 518

23-15/16"

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110924 Rev. 7/14