Gold Bond® BRAND 1" Fire-Shield® Shaftliner

DESCRIPTION

Gold Bond® BRAND 1" Fire-Shield Shaftliner panels consist of a fire-resistant type X gypsum core encased in a heavy moisture-resistant green, 100% recycled 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 are beveled for ease of installation.

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

TECHNICAL DATA

SURFACE BURNING CHARACTERISTICS

ASTM E84
Flame Spread: 15
Smoke Developed: 0

WEIGHTS

1" Shaftliner - 3.75 lbs/SF

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 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.)

RECOMMENDATIONS

Installation of 1" Fire-Shield Shaftliner should be consistent with methods described in specific application details for Cavity Shaftwall Systems or H-Stud Area Separation Wall Systems or other fire-rated designs shown in National Gypsum Company “Gypsum Construction Guide.”

Exposure to excessive or continuous moisture or standing water and extreme temperatures should be avoided.

To prevent weakening due to calcining, 1" Fire-Shield Shaftliner panels, like any gypsum board, should not be exposed to temperatures over 125°F (52°C) for extended periods of time.

Not to be used in an unlined air supply duct.

Always store Shaftliner 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.

SPECIFICATIONS

The following paragraphs are for insertion into sections of generic specifications or generic/proprietary specifications covering gypsum board products. The National Gypsum product name follows the generic description in parentheses.

PART 2 PRODUCTS

2.01 MATERIALS

A. Fire-Resistant Gypsum Shaftliner Board: A gypsum core shaftwall board with additives to enhance fire resistance of the core and surfaced with water resistant paper on front, back and long edges; and complying with ASTM C 1396, type X (Gold Bond BRAND Fire-Shield Shaftliner).

1. Thickness: 1"
2. Width: 2'
3. Length: 7' through 14'
4. Edges: Beveled

PART 3 EXECUTION

3.01 INSTALLATION

A. General: In accordance with the manufacturer's recommendations, National Gypsum Company "Gypsum Construction Guide."