ProRoc M2TECH Shaftliner

Type X gypsum board

Product Description

ProRoc M2TECH Shaftliner is a 1" (25.4 mm) thick gypsum board with a specially formulated fire resistive noncombustible core enclosed in a heavy moisture and mold resistant, light violet colored and 100% recycled paper. ProRoc M2TECH Shaftliner gypsum board is designed and engineered for use in constructing lightweight Shaftwall.

ProRoc M2TECH Shaftliner gypsum board is UL Classified and ULC Listed in fire resistance designs and features double square edges for ease of installation. ProRoc M2TECH Shaftliner is available in 8' (2440 mm).

In addition to its fire resistive properties ProRoc M2TECH Shaftliner gypsum board is also designed and engineered to provide added protection against mold when exposed to incidental or intermittent moisture during and after construction. When tested for mold resistance by an independent lab at the time of manufacturing, ProRoc M2TECH Shaftliner achieved ASTM D3273.

Basic Uses

ProRoc M2TECH Shaftliner is used in conjunction with other and ProRoc M2TECH gypsum board products in Shaftwall.

Gypsum Shaftwall systems can replace traditional masonry for interior vertical enclosures including stairwells, elevator enclosures and mechanical chases. Some inherent advantages of gypsum shaftwall systems are: one sided construction, lighter weight, reduced thickness, ease and speed of installation, and no requirement for scaffolding.

ProRoc M2TECH Shaftliner Shaftwall systems provide one, two or three hour fire resistive ratings, in non-loadbearing configurations.

Advantages
Shaftwall Systems

- Resists mold growth per ASTM D3273
- Economical and efficient installation
- Scores and snaps easily with no special handling required
- No requirement for additional trade on job
- UL Classified and ULC Listed for Fire Resistance and Surface Burning Characteristics
- One sided construction of Shaftwalls eliminates the need for extensive scaffolding
- Rapid ease of installation reduces overall construction time and provides a cost effective system
- Lightweight construction
- Reduced wall thickness means greater floor area
- Shaftwall fire-resistance rating up to three hours

Limitations
Shaftwall Systems

- For non-loadbearing partitions only
- Exposure to continuous moisture should be avoided
- Not recommended for continuous exposure to temperatures exceeding 125°F (52° C).
- Not designed to serve as an unlined air supply duct
- Boards should not come in direct contact with concrete, masonry or other surfaces that have high moisture content
- Boards should be stacked flat on a smooth, level surface, not directly on the ground during storage
- Boards should always be kept dry prior to installation
- Boards should be carried with care to place of installation to prevent damaging of finished edges
- Limiting heights and deflection criteria for the system should be based upon the stud manufacturer's recommendations

Job Name _____

Contractor _____ **Date** _____

Products Specified: _____

ProRoc M2TECH Shaftliner

Type X gypsum board

Product Data

Thickness : 1" (25.4 mm)
Widths : 2' (610 mm) Standard
Lengths : 8' (2440 mm)
Edges : SE (square edge)

Technical Data

Composition and Materials

1" (25.4 mm) thick and 2' (610 mm) wide gypsum shaftliner and coreboard with a fire resistive core enclosed in a moisture and mold resistant light violet face paper

Surface Burning Characteristics

ProRoc M2TECH Shaftliner has a Flame Spread rating of less than 15 and Smoke Developed rating of 0, in accordance with ASTM E84 (ANSI/UL 723).

Fire Resistance

Fire resistance tests are conducted in accordance with ASTM E119 (ANSI/UL 263, and no warranty is made other than conformance to the standard under which the assembly was tested.

For fire resistance ratings refer to the UL and ULC Fire Resistance Directories.

Installation

Recommendation

Installation of ProRoc M2TECH Shaftliner Gypsum Boards should be consistent with methods described in the standards and references noted.

Notice

ASTM lab tests are conducted under controlled conditions and may not always represent the mold performance of mold resistant gypsum panels or other building materials in actual use. Any building material can be overwhelmed by mold and can be influenced by project conditions during storage, installation or after completion. To minimize the potential for the growth of mold, the best and most economical strategy is to protect building products from water exposure during storage and installation and after completion of the building. This can be accomplished by using good design, construction, and maintenance practices.

Minor discrepancies may exist in the values of ratings, attributable to changes in materials and standards, as well as differences between testing facilities.

The information in this document is subject to change without notice. ProRoc assumes no responsibility for any errors that may inadvertently appear in this document.

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