

**CONTINENTAL™**  
BUILDING PRODUCTS



### Applications

Mold Defense Shaftliner Type X is tested in a series of designs for a wide range of ceiling, wall and enclosure applications.

- Elevator enclosures
- Stairwell enclosures
- Mechanical enclosures for electrical, plumbing, HVAC and venting services
- Unlined shafts for return air handling
- Area separation fire walls
- Corridor ceilings

### Advantages

**Low Installation Cost:** Compared to block construction, installs easily and quickly. It cuts and snaps like standard drywall.

**Fire Resistance:** Formulated to perform in accordance with ASTM C1396/C1396M, Section 6 and C442, Type X and is UL labeled (Type LGFCSL).

**Mold Resistance:** Provides enhanced protection against the growth of mold and mildew.

**Moisture Resistance:** Core treated for moisture resistance.

## MOLD-, MOISTURE-, MILDEW- AND FIRE-RESISTANT SHAFTLINER BOARD

# MOLD DEFENSE® SHAFTLINER TYPE X

**Continental Building Products** Mold Defense Shaftliner Type X is designed for use in lining elevator shafts, ventilation shafts, stairwells, for area separation walls in residential housing and for other interior building applications requiring fire resistance.

Mold Defense Shaftliner Type X has a specially formulated, non-combustible, moisture-, mildew- and mold-resistant gypsum core enhanced with glass fibers for strength and additional fire resistance. It is covered with a green, water-repellent, mold- and mildew-resistant paper facing on the front, back and long edges.

Mold Defense Shaftliner Type X panels are only one component of a shaft or area separation wall assembly. For fire-rated resistance, the panels must be used as required in the listed design. See the Continental Shaftwall design literature, or the Underwriters Laboratories (UL) listings.

Continental's Mold Defense products are compliant with the treated article exemption of FIFRA as determined by the U.S. Environmental Protection Agency (EPA). Mold Defense offers enhanced protection against the growth of mold and mildew compared to ordinary drywall products. Under controlled testing conditions, Mold Defense achieved an average panel score of 10 out of a possible 10 using ASTM D3273.\*

Note: Mold Defense Shaftliner Type X should not be used where temperatures exceed 125° F for extended periods or in areas of extreme humidity. Likewise, the board should be protected from exposure to adverse conditions during storage and construction. Mold Defense Shaftliner Type X is not designed for exterior use or for the exposed element of an unlined air supply duct.

JOB NAME: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

DATE: \_\_\_\_\_

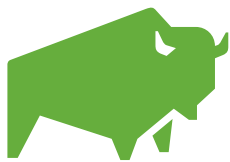
## Sustainability

Can contribute to the U.S. Green Building Council's LEED Credit Qualification in several credit categories to assist in obtaining LEED certification.



\*Mold Defense provides extra resistance against the formation of mold, but no product may be considered "mold proof." The most effective way to avoid the formation of mold and mildew in drywall products is to limit or avoid water exposure during storage and construction, and after construction is complete. Used in combination with appropriate design, handling, construction and installation practices, Mold Defense drywall can provide increased mold and mildew resistance on its surface and in its core. ASTM D3273 is the "Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber" and is performed under controlled, laboratory conditions. Actual storage, handling, construction and installation conditions may vary from the environment created in the independent lab, and the use of the product in actual conditions may not replicate the ASTM results.

\*\*The federal specification for gypsum board, SS-L-30d, was withdrawn in 1984. It is provided here for information only and should not be referenced for new construction.



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## Physical Characteristics

**Core:** Non-combustible, dimensionally stable, inert gypsum enhanced with glass fibers for strength and fire resistance and a moisture-resistant wax emulsion, and chemically treated to resist mold and mildew in the core

**Paper:** 100% recycled; Water-repellent; Chemically treated to resist mold and mildew on the surface; Front, back and edges = green

**Long Edges:** Double beveled

**Asbestos free and GREENGUARD certified**

### Available Sizes:

Nominal thickness	1 in.
Nominal width	2 ft.
Standard length	8 ft.–12 ft.
Nominal weight	4 lbs./ft. <sup>2</sup>

## Standards and Codes

Formulated to conform to ASTM C1396/C1396M, Section 6, Gypsum Shaftliner Board and C442, Type X; \*\*Federal Specification SS-L-30d, Type IV, Grade X; and CAN/CSA-A82.27-M.

## Technical Specifications

UL classified for surface burning (File No. R16102) (per ASTM E84 and CAN/ULC-S102) Flame spread = 0; Smoke developed = 0; Meeting IBC, Section 803.1, Class A

Core combustibility (per ASTM E136) Non-combustible

UL classified for fire resistance (File No. R18482) as Type LGFCSL per ASTM E119 and CAN/ULC-S101; For use in UL designs U388, U428, U429, V481 and others

Mold and mildew resistant (10 out of 10 score, ASTM D3273)\*

Moisture resistant per ASTM C1177 Section 5.2.5 <10%

## Installation

Install all components as specified by the listed designs. Consult the Gypsum Association GA-600 Fire Resistance Design Manual and the UL Fire Resistance Directory. For general practices see GA-216 and ASTM C840.

## Handling Recommendations

Stack flat, keep dry and lift (do not drag) to avoid scuffing. Avoid damage to edges. For detailed recommendations, refer to GA-216, GA-238 and GA-801.

## Safety Precautions

Wear safety glasses and NIOSH-approved respirators during cutting, breaking, rasping or other dust-producing activities.

Safety Data Sheets (SDS) are available for all Continental products upon online or upon request.

