



Advantages

Low Installation Cost: Mold Defense Type X is installed easily and quickly. It cuts and snaps like standard drywall.

Fire Resistance: Mold Defense Type X is formulated to perform in accordance with ASTM C1396, Section 7, Type X and is UL labeled (Type LGFC2A).

Mold Resistance: Mold Defense Type X provides enhanced protection against the growth of mold and mildew.

Note: Maximum framing spacing for ceiling applications not to exceed 16" o.c. for installation parallel to framing and maximum 24" o.c. for installation perpendicular to framing. On ceilings to receive hand or spray applied water based texture material, install perpendicular to framing maximum 16" o.c.

Mold-, Moisture- and Fire-Resistant Drywall (Treated Core)

MOLD DEFENSE[®] TYPE X

Lafarge Mold Defense Type X is a gypsum board enhanced with glass fibers to offer greater strength and fire protection for interior walls and ceilings, and enhanced protection against mold and mildew that can cause deterioration and/or stains. It contains a non-combustible, mold-, mildew- and moisture-treated gypsum core with treated paper facings on the front (green), back and long edges. This product will accommodate a variety of decorative treatments after proper surface preparation.

Lafarge Mold Defense Type X is moisture-resistant and can be used in tile backer applications in dry areas or in areas where a degree of moisture may be expected, such as bathrooms and laundry rooms if permitted by local building codes. Lafarge Mold Defense Type X can be used in building applications that require direct mechanical attachment to wood or metal wall and ceiling frames, or attachment to existing surfaces using fasteners or adhesives. It may also be used as a thermal barrier in roof assemblies when specified by the roofing manufacturer.

To ensure optimum Type X fire-resistant performance, follow recommended installation procedures. When used in a certified sound-rated assembly, Mold Defense Type X will also contribute to required sound transmission classification (STC) values.

Mold Defense*

Mold Defense offers enhanced protection against the growth of mold and mildew on its surface and in its core 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 D 3273.

be protected from exposure to adverse conditions during storage and construction.

Mold Defense should not be used as a backer board directly behind tile and wall panels in tub and shower areas.

Lafarge Mold Defense products are compliant with the treated article exemption of FIFRA as determined by the U.S. Environmental Protection Agency (EPA).

Note: Mold Defense Type X is suitable for interior applications only, and should not be used where temperatures exceed 125° F for extended periods or in areas of extreme humidity. Likewise, the board should

JOB NAME:

CONTRACTOR:

DATE:



bringing materials to *life*[™]

Sustainability

Can contribute to the U.S. Green Building Council's LEED Credit Qualification in several credit categories to assist in obtaining LEED certification. Visit www.lafargenorthamerica.com for more details on specific credit contribution and documentation.



*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, 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 D 3273 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.



Physical Characteristics

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

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

Long Edges: Tapered

Asbestos free; GREENGUARD certified, listed as a low-emitting material with the Collaborative for High Performance Schools (CHPS); and MAS Certified Green

Available Sizes:

Nominal thickness	5/8 in.
Nominal width	4 ft.
Standard length	6 ft. to 12 ft.
Nominal weight	2.3 lbs./ft. ²

Standards and Codes

Lafarge Mold Defense Type X is formulated to perform in accordance with ASTM C 1396, Section 7, Water-Resistant Gypsum Backing Board and C 630, Type X; **Federal Specification SS-L-30d, Type VII, Grade W; and CAN/CSA-A82.27-M, Type X.

Technical Specifications

Underwriter Laboratories (UL) classified for surface burning (File No. R16102) (tested in accordance with ASTM E 84) Flame spread = 10; Smoke developed = 0

Core combustibility (tested in conformance with ASTM E 136) Non-combustible

UL classified for fire resistance (File No. R18482) as Type LGFC2A.

Tested and certified to meet CHPS Low-emitting Materials Criteria, Section 01350. For use in a typical classroom as described in CA Department of Health (CDHS) Standard Practice.

Installation

Install according to Gypsum Association GA-201, GA-216, or ASTM C 840. For fire-rated construction, consult GA-600 Fire Resistance Design Manual and UL Fire Resistance Directory. Refer to GA-214 for finishing recommendations. Use of Lafarge drying- and setting-type compounds is recommended.

Painting and Decorating

For best results, a good gypsum board primer should be applied in accordance with manufacturer's instructions before painting or before any textured material is applied.

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.

Material Safety Data Sheets (MSDS) are available for all Lafarge products upon request.

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