

## Mold Defense™

### Mold and Moisture Resistant Drywall

#### Description

Lafarge Mold Defense is designed for use in interior wall and ceiling applications and offers 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 and 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 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. May also be used as a thermal barrier in roof assemblies when specified by the roofing manufacturer.

While Lafarge Mold Defense has some inherent fire resistance characteristics, this product should not be used to provide the levels of fire resistance required by various building codes and standards. For fire resistance, use Lafarge Firecheck® or Mold Defense Type X products. When properly sealed and used in a certified sound rated assembly, Mold Defense will 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.

Note: Lafarge Mold Defense 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 be protected from exposure to adverse conditions during storage and construction.

#### Physical Characteristics

**Core:** Non-combustible, dimensionally stable, inert gypsum, enhanced with 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

#### Available Sizes:

Nominal thickness	1/2 in.
Nominal width	4 ft
Standard length	8 ft to 12 ft
Nominal weight	1.6 lbs/ft <sup>2</sup>

#### Standards and Codes

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

#### Technical Specifications

**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

#### Installation

Install according to Gypsum Association GA-201, GA-216, or ASTM C 840. Refer to GA-214 for finishing recommendations. Use of Lafarge drying- and setting-type compounds are recommended.

#### 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 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.

**\*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.

Job Name: \_\_\_\_\_

Contractor: \_\_\_\_\_

Date: \_\_\_\_\_

05/07



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