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WITH MOLD & MOISTURE RESISTANCE

DESCRIPTION

M-Bloc® interior gypsum panels treated with AzoTech™ fungicide were developed as an improved moisture resistant wallboard, with added mold resistance in the core and paper. M-Bloc® interior gypsum panels consist of a fire, mold and moisture resistant core encased in 100% recycled paper.

At an independent laboratory, certified in accordance with ISO 17025-2005, M-Bloc panels have been tested to the industry's most rigorous standards achieving the best results possible. Per ASTM G 21 the panels attained a 0 and ASTM D 3273 scored a perfect 10, thus minimizing the risk of mold and mildew growth.

Products manufactured by American Gypsum contain no asbestos and no detectable levels of formaldehyde. AzoTech™ is a trademark of a Syngenta Group Company.

GREENGUARD CERTIFIED FROM UL ENVIRONMENT

1" M-Bloc Shaft Liner gypsum panels have achieved UL Environment's GREENGUARD GOLD Certification. GREENGUARD Certified products are scientifically proven to meet some of the world's most rigorous, third-party chemical emissions standards, helping reduce indoor air pollution and the risk of chemical exposure while aiding in the creation of healthier indoor environments.

For more information, visit www.ul.com/gg.

BASIC USES

M-Bloc interior gypsum panels are a lightweight cost efficient interior wall or ceiling panel for use in new construction or renovation work. M-Bloc interior gypsum panels can be used throughout a project as well as the adhesive application of ceramic or plastic tile in limited wet areas, e.g., bathrooms, kitchens, laundry, and utility rooms. M-Bloc interior gypsum panels can be finished the same as regular gypsum wallboard and they accept a wide variety of attractive finishes. With joints covered, M-Bloc interior gypsum panels will resist the passage of smoke. For additional information on smoke barriers, refer to Gypsum Association publication, "Building and Inspecting Smoke Barriers" (GA-618).

LIMITATIONS

The use of M-Bloc panels in actual jobsite conditions may not produce the same mold resistant results as were achieved in a controlled laboratory setting. While no material can or should be considered mold proof, the use of good design and construction practices is the most effective strategy to manage the growth of mold and mildew.

M-Bloc gypsum wallboard is a nonstructural product intended for interior applications only, and should not be used as a nailing base.

Avoid exposure to temperatures exceeding 125°F (52°C), e.g., located adjacent to wood burning stoves and or heating appliances.

When M-Bloc panels are applied to ceilings, please follow the framing instructions found below.

Resilient channels are not recommended where tile or similar finish is to be applied to the panel.

Not to be used in areas with direct exposure to water or continuous high humidity, e.g., tiled tub and shower surrounds, saunas, steam rooms, gang showers or indoor swimming pools. Eliminate sources of moisture immediately.

M-Bloc gypsum wallboard that is to receive tile or other surfacing which may act as a vapor retarder shall not have a vapor retarder placed behind the panel. A single layer of asphalt impregnated felt, #15 or less, applied as part of the wall system, shall not be considered a vapor retarder.

On wall applications, maintain a gap of 1/4" between the bottom edges or ends of the panels and floors, or any other horizontal surface where water could accumulate.

MAXIMUM SPACING OF FRAMING (WOOD OR METAL)

	SINGLE PLY THICKNESS	APPLICATION	MAXIMUM FRAMING O/C SPACING
*CEILINGS	1/2"	Parallel to Framing	16" o/c
	1/2"	Perpendicular to Framing	24" o/c
WALLS	1/2"	Parallel or Perpendicular to Framing	24" o/c

*For Ceiling Applications - When using a hand or water-based texture for decoration, 1/2" M-Bloc gypsum wallboard is to be installed perpendicular to framing spaced no more than 16"o/c. For framing spaced more than 16"o/c, American Gypsum's 1/2" Ceiling Board shall be specified.

FRAMING	PRODUCT	PSF (LBS. PER S/F) OF INSULATION
24" o/c	1/2" M-Bloc Interior Gypsum Panel	1.3 (6.3 kg/M ²)
16" o/c	1/2" M-Bloc Interior Gypsum Panel	2.2 (10.7 kg/M ²)

Insulation blankets or batts should be recessed, with flanges attached or friction fitted to the sides of the studs or joists.

STORAGE AND HANDLING

Gypsum board does not generate or support the growth of mold when it is properly transported, stored, handled, installed, and maintained. However, mold spores are present everywhere and when conditions are favorable; mold can grow on practically any surface. GYPSUM BOARD MUST BE KEPT DRY to prevent the growth of mold. Gypsum board must be stored in an area that protects it from adverse weather conditions, condensation, and other forms of moisture. Job site conditions that can expose gypsum board to water or moisture must be avoided.

Gypsum board should not be exposed to elevated levels of moisture for extended periods. Examples of elevated levels of moisture include, but are not limited to, exposure to rain, condensation, water leakage, and standing water. Some board exposed to these conditions may not need to be replaced, depending upon the source of the moisture and the condition of the gypsum board being considered for replacement.

M Bloc®

MOLD & MOISTURE RESISTANT

AMERICAN GYPSUM

