



**Substitution Request**  
**1/2" M-Bloc® Gypsum Wallboard**

Pre-Bid

After Bid

Project:

Substitution Request #:

From:

Date:

To:

A/E Project Number:

Contract For:

Specification Title:

Description:

Section:

Page:

Article/Paragraph:

Proposed Substitution: **1/2" M-Bloc® Gypsum Wallboard**

Manufacturer: **American Gypsum Company, LLC**

Phone: **(866) 439-5800**

Address: **5960 Berkshire Lane, Ste 800, Dallas TX, 75225**

Installer:

Address:

Phone:

Email:

History:

New Product

2-5 Years

5-10 Years

10+ Years

Differences between proposed substitution and specified product:

Reason for not providing specified item:

Similar Installation:

Project:

Architect:

Address:

Owner:

Date Installed:

Proposed substitution affects other parts of work:

No

Yes, Explain

Supporting Data Attached:

Drawings

Product Data

Samples

Tests

Reports

Other

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The undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to the specified product.
  - The same warranty will be furnished for the proposed substitution as for the specified product.
  - The same maintenance service and source of replacement parts, as applicable, is available.
  - The proposed solution will have no adverse effect on other trades and will not affect or delay the progress schedule.
  - The proposed substitution does not affect dimensions and functional clearances.
  - Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.
- 

Submitted By:

Signature:

Firm Name:

Address:

Phone:

Attachments:

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A/E's Review and Action:

Substitution Approved – Make Submittals in accordance with Division 1 Section: Substitutions.

Substitution Approved as Noted – Make submittals in accordance with Division 1 Section:  
Substitutions.

Substitution Rejected – Use specified materials.

Substitution Request Received Too Late – Use specified materials.

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Signed By:

Date:

Additional Comments:

Contractor    Subcontractor    Supplier    Manufacturer    A/E    Other

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Upon Completion Return To:

Name:

Address:

Phone:

Fax:

Email:

Submittal 09 29 00



American Gypsum  
5960 Berkshire Ln., #800  
Dallas, TX 75225  
214-530-5500  
www.americangypsum.com

Technical Information  
1-800-545-6302 ext. 5607



## WITH MOLD & MOISTURE RESISTANCE

### DESCRIPTION

M-Bloc® gypsum panels were developed as an improved mold and moisture resistant wallboard with a fire resistant core encased in a mold and moisture resistant blue face paper and brown back paper manufactured from 100% recycled paper. At an independent laboratory accredited in accordance with ISO 17025-2005, M-Bloc panels have been tested to the industry's most rigorous standard achieving the best possible results per ASTM D 3273 scoring a perfect 10, thus minimizing the risk of mold and mildew growth. American Gypsum products contain no asbestos and no detectable levels of formaldehyde.

### GREENGUARD CERTIFIED FROM UL ENVIRONMENT

M-Bloc 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](http://www.ul.com/gg).

### BASIC USES

M-Bloc gypsum panels are a lightweight cost efficient interior wall or ceiling panel for use 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 gypsum panels are also approved for exterior soffits and/or sidewalls in protected corridors/breezeways with indirect exposure to the weather. 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 panel and should not be used as a nailing base.

Avoid exposure to temperatures exceeding 125°F (52°C) for extended periods of time.

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, tiled tub and shower areas, saunas, steam rooms, gang showers or indoor swimming pools.

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.

A fast setting joint compound is recommended for filling, taping and finishing of M-Bloc gypsum wallboard used for exterior soffits and/or sidewalls in protected corridors/breezeways with indirect exposure to the weather.

When used in exterior ceiling applications, install fascia so that its drip line is at least 1/4" below the face of the panel.

MAXIMUM SPACING OF FRAMING (WOOD OR METAL)			
	SINGLE PLY THICKNESS	APPLICATION	MAXIMUM FRAMING O/C SPACING
*CEILINGS	1/2" 1/2"	Parallel to Framing Perpendicular to Framing	16" o/c 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 <sup>2</sup> )
16" o/c	1/2" M-Bloc Interior Gypsum Panel	2.2 (10.7 kg/M <sup>2</sup> )

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.

