



American Gypsum
 3811 Turtle Creek Blvd., #1200
 Dallas, TX 75219
 214-530-5500
 www.americangypsum.com

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

AquaBloc[®] Gypsum Wallboard

AQUABLOC[®]



Made in the USA



Panel resistente al agua

DESCRIPTION

AquaBloc[®] gypsum wallboard is a specially processed panel, intended to provide a moisture resistant base for the adhesive application of ceramic or plastic tile and plastic-faced wall panels in limited wet areas, e.g., bathrooms, powder rooms, kitchens, laundry, and utility rooms. AquaBloc is manufactured using a 100% recycled green face paper, treated to resist moisture; a water-resistant gypsum core, and a sturdy liner back paper also treated to resist moisture. AquaBloc is available in: 1/2" panels with a non-rated moisture resistant core and a 5/8" FireBloc (Type X) moisture resistant core for use in fire-rated assemblies.

American Gypsum products contain no asbestos and no detectable levels of formaldehyde.

GREENGUARD CERTIFIED FROM UL ENVIRONMENT

AquaBloc[®] gypsum wallboard has 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

AquaBloc gypsum wallboard was designed to provide a moisture resistant base for the adhesive application of ceramic or plastic tile in limited wet areas, e.g., bathrooms, kitchens, laundry, and utility rooms. This panel may be extended beyond the area to be tiled, and finished with traditional joint treatment finishes. AquaBloc gypsum wallboard is designed for direct attachment by screws and or nails to wood framing, screws to metal framing and can be used in fire rated assemblies.

With joints covered, AquaBloc gypsum wallboard will resist the passage of smoke. For additional information on smoke barriers, refer to Gypsum Association publication, "Building and Inspecting Smoke Barriers" (GA-618), which can be found at www.americangypsum.com under "Technical Data" - click on Gypsum Association Literature.

LIMITATIONS

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.

With changes in the 2015 edition of the IBC (International Building Code) water resistant gypsum wallboard, like AquaBloc is treated like any other panel in regards to sag resistance when installed on a ceiling. Revisions found in the 2015 IBC allow for the following when AquaBloc is applied to ceilings:

- 1/2" AquaBloc may be installed up to 24" o/c when no texture is applied.
- 1/2" AquaBloc may be installed up to 16" o/c when texture is your final finish.
- 5/8" AquaBloc may be installed up to 24" o/c with or without texture applied.

Spacing of wall framing should not exceed 24" o/c.

AquaBloc gypsum wallboard is intended for interior applications only.

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

Avoid excessive or continuous exposure to moisture during delivery, storage, handling and installation. Eliminate sources of moisture immediately.

AquaBloc gypsum wallboard is a nonstructural product and should not be used as a nailing base.

Not to be used in exterior ceiling applications. Exterior Soffit wallboard is recommended for protected exterior ceilings structures.

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

AquaBloc 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.

Gypsum board adhesively applied to framing members shall not be used as a base to receive tile.

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 must be protected during transit with a weather-tight cover in good condition. Plastic shipping bags are intended to provide protection during transit only and must be promptly removed upon arrival of the load. Failure to remove the shipping bag can increase the likelihood of developing conditions favorable to the growth of mold.

Gypsum board that has visible mold growth must not be used. For additional information, refer to Gypsum Association publication, "Guidelines for the Prevention of Mold Growth on Gypsum Wallboard" (GA-238).

STORAGE & HANDLING

Gypsum board must be stored off the ground and under protective cover. Sufficient risers must be used to assure support for the entire length of the wallboard to prevent sagging.

Gypsum board must be delivered to the job site as near to the time it will be used as possible. Individuals delivering gypsum board to jobsites should ensure that it is carried, not dragged, to place of storage/installation to prevent damage to finished edges.

Gypsum board shall always be stacked flat - NEVER on edge or end. Gypsum board stacked on edge or end is unstable and presents a serious hazard should it accidentally topple. Gypsum board should be placed so weight is evenly distributed and the floor is not overloaded.

GOOD BUILDING PRACTICES

Installation - The building temperature shall be maintained at not less than 50°F (10°C) for adhesive application of gypsum board, during joint treatment, texturing, and decoration. When a temporary heat source is used the temperature shall not be more than 95°F (35°C) in any given room or area. Adequate and continuous ventilation shall be provided in the working area during the installation and the drying or curing period.

The design professional has the ultimate responsibility for location of control joints.

Tile adhesive for the application of tile or like material applied to AquaBloc shall be water resistant and must meet the requirements of ANSI A136.1, Type 1, or as specified by the surfacing material manufacturer. When using a water resistant tile adhesive, caulk all corners and openings before application of tile or like material. All nail and or screws heads that are to be decorated with tile or like material shall be covered with the same tile adhesive (ANSI A136.1, Type 1).

Do not apply drywall joint compound to the joints or fasteners that are to be tiled. All joints beyond the area to be tiled may be treated in a conventional manner using tape and drywall joint compound.

Regular gypsum board shall be permitted to be used as a base for tile in dry areas.

Decoration – For areas outside of the tiled areas, the design professional, contractor and or owner shall review Gypsum Association’s bulletin GA-214, “Recommended Levels of Gypsum Board Finish”, in order to specify the proper level of drywall finishing needed to assure the desired results.

APPLICABLE STANDARDS

Water Absorption	<5% (ASTM 1396)
Manufacturing	ASTM C 1396 Federal Specification SS-L-30D Type VII (1/2" non-rated moisture resistant core) Federal Specification SS-L-30D Type VII Grade X (5/8" Type X moisture resistant core)
Installation	ASTM C 840 Gypsum Association GA-216
Surface Burning Characteristics	ASTM E 84 Flame Spread 0 Smoke Developed 0

PRODUCT DATA

SIZES

Thickness	Widths	Lengths	Edge Type	UL Type
1/2" (12.7mm)	4' (1219mm)	8' - 12' (2438mm – 3658mm)	Tapered	
5/8" (15.9mm)	4' (1219mm)	8' - 12' (2438mm – 3658mm)	Tapered	AGX-1, AGX-11

Special lengths or edges may be available on special order. Consult your American Gypsum sales representative for details.

Thermal Resistance "R" Value	1/2" = 0.50 5/8" = 0.61
-------------------------------------	----------------------------

FIRE RESISTANCE RATINGS

Fire rated assemblies are specified from tests performed by independent laboratories. These designs are made up of specific materials in a precise configuration. When choosing construction details to meet certain fire resistance requirements, care must be taken to insure that each component of the selected assembly is the one specified in the test and are assembled in accordance with the requirements of the design.

SUBMITTAL APPROVALS

Job Name: _____

Contractor: _____ **Date:** _____