

MANUFACTURER INFORMATION:

PABCO® Gypsum
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PABCO® Gypsum Specification PGS-017
ASTM specification C1396

DESCRIPTION

PABCO GLASS® Interior gypsum panels are composed of a proprietary gypsum core and glass mat face and back to provide extended mold- and water-resistance in moisture sensitive areas. The gypsum core is reinforced with glass fibers to increase overall core strength compared to regular gypsum board. The coated glass mats are dimensionally stable and resist warping, rippling, buckling and sagging due to fluctuations in temperature and/or humidity. These panels feature a tapered edge that allows for seamless finishing of interior partitions.

PRIMARY USES

PABCO GLASS® Interior gypsum panels are ideal for interior applications where moisture is a primary concern such as bathrooms, kitchens, laundry rooms and basements and may be used in tile backed areas where building codes allow. PABCO GLASS Interior gypsum panels may be used in pre-rock construction as the product's performance will not be compromised due to extended exposure up to 12 months during construction (see warranty information on pabco gypsum.com for complete details). It is recommended to refer to local building codes for specific restrictions pertaining to fire-resistance and application.

PABCO GLASS® Interior panels are available in 1/2" and 5/8" thicknesses. The 5/8" panels are suitable for fire-resistance rated applications listed on the UL R7094 Design Listing, GA File Numbers that specify the product or generic listings. The 1/2" panels are suitable for non-fire-resistance rated assemblies in accordance with building code requirements.

PABCO GLASS® INTERIOR

Glass Mat Gypsum Board

LIMITATIONS

- PABCO GLASS Interior is designed for mechanical attachment only to the wall framing using either nails or screws.
- Is not a structural product, and not a replacement for structurally engineered products requiring shear resistance.
- Intended for interior application or soffits in protected locations.
- Avoid sustained exposure to temperatures exceeding 125 deg. F (52 deg. C.).
- Avoid exposure to excessive, repetitive or continuous moisture before, during or after installation.
- Check with local code requirements for use as a tile backer
- Not suitable as a substrate for tile in wet areas such as tub and showers, gang showers, and other areas subject to direct water exposure.
- Use as a tile substrate is limited to tile installed according to current TCNA and ANSI specifications. Consult with adhesive and tile manufacturers for maximum size and weight parameters for use with gypsum panels.

INSTALLATION

PABCO® Gypsum endorses and recommends the application specifications published in GA-216, *Application and Finishing of Gypsum Panel Products* (www.gypsum.org) and ASTM C840, *Standard Specification for Application and Finishing of Gypsum Board* (www.astm.org) as well as the finishing specifications in GA-214 *Recommended Levels of Finish for Gypsum Board and Fiber-Reinforced Gypsum Panels*. PABCO® Gypsum panels shall be "cut to fit" as closely as possible without forcing panels in place. Gypsum panel product joints shall be located so that no joint will occur within 12 in. of the corner of an opening unless control joints are to be installed at these locations. PABCO GLASS® Interior will accept veneer plaster as a finishing application

when applied according to manufacturer's recommendations. Special treatment of assemblies for additions such as control joints, resilient channel, insulation and perimeter relief systems shall be as specified in the tested system or by the architect. Temperature at time of panel application shall be above 40 °F and shall be maintained at 50 °F 48 hours prior to and during application and drying of joint compound.

MOLD & WATER RESISTANCE

PABCO GLASS® Interior is engineered with special chemistries that provide enhanced water- and mold-resistant protection. The use of good design, with proper handling and construction practices, is the most effective and best method to minimize mold. This includes avoiding water exposure during all phases of the project, such as: storage, handling, shipping, installation and system maintenance both before and after project completion. In independent laboratory tests per ASTM D3273 *Standard Test Method for Resistance to Growth of Mold on the Resistance Surface of Interior Coatings in an Environmental Chamber*, PABCO GLASS® Interior products achieved a 10 rating, the highest level of performance for this test method. As no material may be classified as mold-proof, prolonged exposure to moisture may result in the growth of mold or mildew on any surface.

FIRE RESISTANT RATINGS

Fire Resistance Rated Designs are promulgated from tests performed at IAS** certified independent testing laboratories, and these designs include specific materials assembled in a precise configuration. When choosing construction details to achieve specific fire-resistance requirements, care must be taken to ensure that each component of the specified assembly is the proper one specified in the referenced fire-resistance rated design, and

continued on back

Job name:	
Contractor:	Date:

assembled in accordance with the specific requirements of the assembly.

**The [International Accreditation Service — IAS](#) — is a non-profit, public benefit corporation and a leading accreditation body in the United States. Internationally recognized, accreditation by IAS makes it easier to market products and services both inside and outside the United States.

STORAGE & HANDLING

Store all PABCO® gypsum panels flat; do not store on edge as panels are heavy and may fall over causing injury or death. Store in an area that offers protection from adverse weather conditions, condensation, and other forms of moisture. Avoid job site conditions that expose gypsum board to water or moisture. Plastic shipping bags are temporary, and intended for protection during transit only, and must be removed promptly upon arrival. Store gypsum board under protected cover, off the ground with sufficient support to prevent sagging. Exercise proper care to avoid impact and scuffing of the glass faces, undue flexing, and damage to board edges, corners, and ends.

WARRANTIES & REMEDIES

Current warranty information for this product is available online at www.PABCOgypsum.com.

LEGAL NOTICES

PABCO® Gypsum, the PABCO® logo, what the job demands®, and PABCO GLASS® are registered trademarks of Pacific Coast Building Products, Inc. and licensed to PABCO® Gypsum in the United States and other countries. Product features and Information subject to change without notice. Visit www.PABCOgypsum.com for product updates and current information.



PABCO GLASS® INTERIOR Glass Mat Gypsum Board

PRODUCT DATA, SIZES & TYPES

Product	Thickness	Width	Length ¹	Edge Type	Weight ²	UL Core Type
PABCO GLASS® Interior Regular	1/2" (12.7 mm)	48" (1219 mm)	8' (2438 mm)	Tapered	2.0 lbs/ft ²	N/A
PABCO GLASS® Interior Type X	5/8" (15.8 mm)		12' (3658 mm)		2.5 lbs/ft ²	PGI

PACKAGING

Stacked & palletized

¹ Length availability may change; other lengths may be available on a special order basis. Consult with your local PABCO® representative.

² Represents approximate weight for design and shipping purposes. A more exact weight may be available for your area; consult with your local PABCO® representative.

APPLICABLE STANDARDS & TECHNICAL DATA

PABCO GLASS® Interior Thickness	1/2"	5/8"
Health & Wellness Properties		
VOC	Certified Low VOC emitting as tested per CDPH/EHLB/Standard Method V1.2 (Sect. 01350).	
Asbestos	USDI has tested factories, ingredients and products for the presence of asbestos. Each test series has shown asbestos to be non-detectable.	
Mold Resistance	Periodic product tests to ASTM D3273 are conducted. The test reports have shown a score of 10, the highest score possible. This indicates that there is no mold growth under the test conditions (28-day exposure).	
Physical Properties		
Surface Burning Characteristics (ASTM E84):	Flame Spread 0, Smoke Developed 0	
Combustibility (ASTM E136):	Non-Combustible	
Thermal resistance R value (ASTM C518):	0.42	0.53
Permeance (perms; ng/Pa.s.m ²) (ASTM E96):	>20	
Water absorption (ASTM C473):	<5%	
Flexural Strength, Load lbf (N) (ASTM C473): Test Method B		
Perpendicular to substrate edge	>100 lbf (445 N)	>140 lbf (623 N)
Parallel to substrate edge	>80 lbf (356 N)	>100 lbf (445 N)
Humidified deflection (ASTM C473):	<5/16 in (8 mm)	<4/16 in (6 mm)
Composition:	Coated fiberglass mat, gypsum core	
Applicable Standards		
Manufacturing:	ASTM C1396 part 7, C1658	
Installation:	Gypsum Association GA-214, GA-216 – www.gypsum.org ASTM C840 – www.astm.org	
Safety Data Sheet SDS:	SDS available at www.PABCOgypsum.com/document-library	
PABCO® Gypsum literature:	www.PABCOgypsum.com/document-library	
Recycled Content:	Refer to PABCO® Sustainable Materials data for product and plant specific details.	

NEED HELP WITH A PROJECT OR HAVE QUESTIONS ABOUT THIS PRODUCT?

Contact the PABCO® Gypsum Technical Services Team at (866) 282-9298.

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Visit www.QuietRock.com or call (800) 797-8159 to speak with a product specialist.