

**MANUFACTURER INFORMATION:**

PABCO® Gypsum  
a division of PABCO® building products, LLC  
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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 1/2" gypsum core is reinforced with glass fibers to increase overall core strength compared to 1/2" standard 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**

1/2" PABCO GLASS® INTERIOR gypsum panels are ideal for non-fire rated 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 where the product's performance will not be compromised due to extended exposure (up to twelve (12) months) under normal weather conditions\* during construction. It is recommended to refer to local building codes for specific restrictions pertaining to fire-resistance and application.

\*Normal weather conditions shall mean climatic normal weather with usual high and low temperatures, with occasional moderate rain and wind. Abnormal weather shall mean severe wind and/or rain, hail, cascading rain, earthquakes, tornadoes, hurricanes, floods, and similar or like conditions.

**LIMITATIONS**

- Designed for mechanical attachment to framing members using nails or screws only.
- Intended for interior application or soffits in protected locations.
- 1/2" panels suitable for use on non-fire-rated assemblies and shall be in accordance with building code restrictions.
- 1/2" panels are not designed as a structural product, and are not a replacement for structurally engineered products requiring shear resistance.
- Check with local code for requirements when using 1/2" panels in tile backer applications.

**APPLICATION**

PABCO® Gypsum endorses and recommends the application specifications published in GA-216, *Application and Finishing of Gypsum Panel Products* ([www.gypsum.org](http://www.gypsum.org)) and ASTM C840, *Standard Specification for Application and Finishing of Gypsum Board* ([www.astm.org](http://www.astm.org)) as well as the finishing specifications in GA-214 *Application and Finishing of Panel Products*. 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. 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. 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.

# PABCO GLASS® INTERIOR

## Glass Mat Gypsum Board

**MOLD & WATER RESISTANCE**

PABCO GLASS® INTERIOR is engineered with special chemistries that provide enhanced water- and mold-resistant protection in gypsum panel products. 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. 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, and product installation and system maintenance both before and after project completion.

**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 rated 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 assembled in accordance with the specific requirements of the assembly.

\*\*The [International Accreditation Service — IAS](http://www.iasinc.org) — 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.

continued on back

Job name:	
Contractor:	Date:

## 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](http://www.PABCOgypsum.com).

## LEGAL NOTICES

PABCO® Gypsum, the PABCO® logo, what the job demands®, and PABCO GLASS® are trademarks or 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](http://www.PABCOgypsum.com) for product updates and current information.

# PABCO GLASS® INTERIOR

## Glass Mat Gypsum Board

## PRODUCT DATA, SIZES & TYPES

Product	Thickness	Width	Length <sup>1</sup>	Edge Type	Weight <sup>2</sup>	UL Core Type
PABCO GLASS® INTERIOR Regular	1/2" (12.7 mm)	48" (1219 mm)	8' (2438 mm)	Tapered	2.0 lbs/ft <sup>2</sup>	N/A

## PACKAGING

Stacked & palletized

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

<sup>2</sup> 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"
Manufacturing:	ASTM C1396 part 7, C1658, C1178
Installation:	Gypsum Association GA-214, GA-216 – <a href="http://www.gypsum.org">www.gypsum.org</a> ASTM C840 – <a href="http://www.astm.org">www.astm.org</a>
Mold Resistance (ASTM D3273):	10 (highest rating)
Surface Burning Characteristics (ASTM E84):	Flame Spread 0; Smoke Developed 0
Combustibility (ASTM E136):	Non-Combustible
Permeance (perms; ng/Pa.s.m <sup>2</sup> ) (ASTM E96):	19.9
Flexural Strength, Load lbf (N) (ASTM C473): Test Method B	
Perpendicular to substrate edge	100 lbf (445 N)
Parallel to substrate edge	80 lbf (356 N)
Humidified deflection (ASTM C473):	2/8-in (6 mm)
Water absorption (ASTM C473):	<5%
Thermal resistance R value (ASTM C518):	0.42
Composition:	Coated fiberglass mat, gypsum core
Safety Data Sheet SDS:	SDS available at <a href="http://www.PABCOgypsum.com/document-library">www.PABCOgypsum.com/document-library</a>
PABCO® Gypsum literature:	<a href="http://www.PABCOgypsum.com/document-library">www.PABCOgypsum.com/document-library</a>
Recycled Content:	Refer to PABCO® <a href="#">Sustainable Materials</a> 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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