

**MANUFACTURER INFORMATION:**

PABCO® Gypsum  
a division of PABCO® building products, LLC  
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[www.PABCOgypsum.com](http://www.PABCOgypsum.com)

PABCO® Specification PGS-010  
ASTM specification C 1396

**DESCRIPTION:**

MOLD CURB® Plus products have been engineered with a mold and water-resistant chemistry that provides the most enhanced mold-and-water-resistant protection available in gypsum board products. This Chemistry is incorporated into the naturally fire-resistant, non-combustible gypsum core and is encased in 100% recycled light blue colored face paper that is folded around the long edges to reinforce and protect the core and 100% recycled gray liner paper on the back. These paper facings are additionally treated for water and mold-resistance. The long panels edges are tapered allowing a recessed joint area to be reinforced and concealed to create a monolithic surface suitable for decorating. MOLD CURB® Plus Type X meets and/or exceeds the requirements specified by ASTM under its wallboard standard ASTM C 1396 Type X.

**PRIMARY USES:**

MOLD CURB® Plus combines the mold resistant performance of MOLD CURB® with WATER CURB® technology into a single interior mold and water resistant gypsum board product. MOLD CURB® Plus is engineered for use in high humidity areas where enhanced mold and moisture protection is needed on wall and ceiling applications. MOLD CURB® Plus 1/2" thick panels are ideal for single layer applications. MOLD CURB® Plus 5/8" thick Type X panels are ideal for single or multiple-layer construction in fire-tested assemblies.

When MOLD CURB® Plus is used in either wall or ceiling applications, framing spacing and fastening shall be as per section 4 of GA-216 (see "Applicable Standards." on following page).

# MOLD CURB® Plus

## Mold & Water Resistant, Regular, Type X

**LIMITATIONS:**

- Direct exposure to excessive or continuous moisture is to be avoided.
- MOLD CURB® Plus should not be used in areas subject to constant and/or excessive moisture, and high humidity, such as a tile backer or plastic liner application in tub and shower surrounds, gang showers, saunas, steam rooms or swimming pool enclosures.
- When MOLD CURB® Plus is used as a tile backer for ceramic, porcelain or glass tile in a ceiling application, framing spacing shall be reduced to 16" O.C. for 5/8" and 12" o.c. for 1/2" MOLD CURB® Plus.
- MOLD CURB® Plus shall not be used where it will be exposed to temperatures exceeding 125° F for an extended period of time.

**APPLICATION:**

This product may be applied in building applications which require direct mechanical attachment to wood or metal wall and ceiling framing, or may be attached to existing surfaces using fasteners or adhesives. PABCO® Gypsum endorses and recommends the application specifications published in GA-216 ([www.gypsum.org](http://www.gypsum.org)) and/or ASTM C 840 ([www.astm.org](http://www.astm.org)).

**MOLD & WATER RESISTANCE:**

PABCO® MOLD CURB® Plus panels are manufactured with a special formulated gypsum core and paper facing, which provide enhanced protection against water-and-mold as compared to untreated gypsum board panels. In independent laboratory tests per ASTM D 3273 (Standard Test Method for Resistance to Growth of Mold on the Resistance Surface of Interior Coatings in an Environmental Chamber), PABCO® MOLD CURB® Plus products achieved a 10 rating, the highest level of performance for

this test method. No material may be classified as mold-proof. Prolonged exposure to moisture can result in the growth of mold 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 insure 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.

**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 panels 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

continued on back

Job name:	
Contractor:	Date:

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, 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 MOLD CURB® Plus are trademarks or registered trademarks of Pacific Coast Building Products, Inc. and licensed to PABCO® Gypsum in the United States and other countries. Products described herein may not be available in all geographic markets. Consult your PABCO® Gypsum sales representative for information. Product features and Information subject to change without notice.

Visit [www.PABCOgypsum.com](http://www.PABCOgypsum.com) for product updates and current information.

# MOLD CURB® Plus

## Mold & Water Resistant, Regular, Type X

**PRODUCT DATA, SIZES & TYPES:**

Product	Thickness	Width	Length <sup>1</sup>	Edge Type	Weight <sup>2</sup>	UL Core Type
MOLD CURB® Plus Regular	1/2" (12.7 mm)	48" (1219 mm)	8' (2438 mm), 12' (3658 mm)	Tapered	1.7 lbs/ft <sup>2</sup>	N/A
MOLD CURB® Plus Type X	5/8" (15.8 mm)	48" (1219 mm)	8' (2438 mm), 12' (3658 mm)	Tapered	2.3 lbs/ft <sup>2</sup>	PG-5W

**PACKAGING:** 2 pieces per bundle, face-to-face, and end labeled.

<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:**

MOLD CURB® Plus Thickness	1/2"	5/8"
Manufacturing:	ASTM C 1396	
Installation:	Gypsum Association GA-216 – <a href="http://www.gypsum.org">www.gypsum.org</a> ASTM C 840 – <a href="http://www.astm.org">www.astm.org</a>	
Mold Resistance (ASTM D 3273):	10 (highest rating)	
Surface Burning Characteristics (ASTM E 84):	Flame Spread 15; Smoke Developed 0	
Combustibility (ASTM E 136):	Non-Combustible	
Fire-Resistant Assemblies:	not rated	*Gypsum Association GA-600, Fire Design Manual Underwriters Laboratories, UL Fire Resistance Directory
Flexural Strength, Load lbf (N) (ASTM C 473): Test Method B		
Perpendicular to substrate edge	107 lbf (476 N)	147 lbf (654 N)
Parallel to substrate edge	36 lbf (160 N)	46 lbf (205 N)
Humidified deflection (ASTM C 473):	10/8" (32 mm)	5/8" (16 mm)
Water absorption (ASTM C 473):	≤5%	≤5%
Thermal resistance R value (ASTM C 518):	0.45	0.48
Composition:	100% recycled paper face, gypsum core	
Material Safety Data Sheet MSDS:	MSDS available at <a href="http://www.PABCOgypsum.com">www.PABCOgypsum.com</a> , <a href="#">Technical Data</a>	
Foil Application:	Foil may NOT be applied to the back of Water Resistant Gypsum Backing Board. See "Limitations" section on previous page.	
PABCO® Gypsum literature:	"Construction Guide: Fire & Sound Rated Systems"	
Recycled Content:	Refer to PABCO® <a href="#">Sustainable Materials</a> Data Sheet for plant specific details.	

Federal Specification SS-L-30D Type VI, Grade X & R. The federal specification for gypsum board, SS-L-30d was withdrawn in 1984. It is provided here for informational purposes only.

\* Frame spacing shall be reduced to 16" O.C. for 5/8" panels or 12" o.c. for 1/2" panels only when used as a tile backer for attaching ceramic, porcelain or glass tiles. See GA-216 for 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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