



# WATER CURB®

## REGULAR & TYPE X

### Gypsum Backing Board

PABCO® Gypsum  
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PABCO® Gypsum Specification PGS-003  
 ASTM specification C 1396  
**Available in MOLD CURB®Plus**



#### Description:

PABCO® WATER CURB® is a specially-formulated gypsum wallboard product intended as a base for ceramic or plastic wall tile or plastic finish panels in dry areas. PABCO® WATER CURB® may also be painted or otherwise decorated.

PABCO® WATER CURB® is manufactured using 100% recycled paper distinguishable by a blue-green face paper treated to resist moisture, a chemically treated water resistant and fire resistant gypsum core, and a blue-green or grey back paper also treated to resist moisture. The face paper is folded around the long edges to reinforce and protect the core; the ends are square cut and finished smooth. Long edges of panels are tapered providing a recessed area which allows joints to be reinforced and concealed with joint treatment, creating a monolithic wall finish.

PABCO® WATER CURB® may be used on ceiling areas where extra framing is provided: 12" on-center maximum spacing for 1/2" thick gypsum panels, and 16" on-center maximum spacing for 5/8" thickness.

PABCO® WATER CURB® panels are manufactured in the following panel thicknesses:

- 1/2" thickness panels with a non-fire rated, moisture resistant core, and
- 5/8" thickness panels with a type X, moisture resistant core, for use in fire and sound rated systems, and in most commercial applications.

#### Limitations & Application:

PABCO® Gypsum endorses and recommends the application specifications published in GA-216 (Application and Finishing of Gypsum Panel Products available from www.gypsum.org), as well as ASTM C840.

PABCO® WATER CURB® panel joints shall be taped with one coat of taping compound; no finish coats are to be applied to areas intended to receive tile. Applications whereby tile or plastic wall panels are applied over PABCO® WATER CURB® panels, the attachment shall be that specified by the surface manufacturer. Responsibility for performance of the finished system shall be that of the surfacing material manufacturer and/or that of the finishing applicator.

PABCO® WATER CURB® panels:

- Are for interior applications only, and shall not be used where there will be direct exposure to moisture or high humidity such as: tub surrounds, showers, saunas, indoor pools, or steam rooms.
- Are not recommended over construction materials other than wood or steel studs.
- Shall not be installed over a vapor retarder. Asphalt impregnated felt, #15 or less, shall not be considered a vapor retarder.
- Shall not be exposed to sustained temperatures exceeding 125° F (52° C).
- Are non-structural, not to be used as a structural fastener base, or to support heavy wall or ceiling mounted objects.
- When utilized on wall applications, a gap of 1/4" between the bottom edges or ends of panels and the floor must be maintained, or any other horizontal surface where water may accumulate.
- Where the application of tile is to be applied as the finish material, the use of resilient channel is not recommended.





**Product Data,  
Sizes and Types:**

Product	UL Core Type	Thickness	Width	Length <sup>1</sup>	Weight <sup>2</sup>
WATER CURB® Regular	-	1/2" (12.7 mm)	48" (1219mm)	8' thru 12'	1.8 lbs/ft <sup>2</sup>
WATER CURB® type X	PG-5W	5/8" (15.9 mm)	48" (1219mm)	8' thru 12'	2.4 lbs/ft <sup>2</sup>

Packaging: 2 pieces per bundle, face-to-face, and end taped.

Edge type: Tapered

<sup>1</sup> Other lengths may be available on a special order basis. Consult with your local PABCO® representative, or call PABCO® Technical Assistance.

<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, or call PABCO® Technical Assistance.

**Applicable Standards &  
Technical Data:**

Manufacturing: ASTM C 1396  
Federal Specification SS-L-30D Type VII \*

Installation: Gypsum Association GA-216, GA-214; www.gypsum.org  
ASTM C 840, www.astm.org

Fire-Resistant Assemblies: Gypsum Association GA-600, Fire Design Manual  
Underwriters Laboratories, UL Fire Resistance Directory

Surface Burning: ASTM E 84; UL: Fire Resistance Directory  
Characteristics: Flame Spread 15, Smoke Developed 0

Non-Combustible: ASTM E 136, www.astm.org

"R" value: 1/2" = 0.45; 5/8" = 0.48 Thermal Resistance

Material Safety Data Sheet: MSDS available at www.pabco gypsum.com, Technical Data

PABCO Gypsum: "Construction Guide - Fire & Sound Rated Systems"

Recycled Content: Refer to PABCO® Sustainable Materials Data Sheet for plant specific details.

Please check our website at www.pabco gypsum.com for the latest edition of this specification.

\* The federal specification for gypsum board, SS-L-30d was withdrawn in 1984. It is provided here for informational purposes only.

**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, scuffing of the paper faces, undue flexing, and damage to board edges, corners, and ends.

**Fire Resistant Ratings:**

Fire Resistance Rated assembly 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 test report, and 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.)

**Submittal Approvals:**

Job name:	
Contractor:	Date:

**Limited Warranty:** PABCO® Building Products, LLC, warrants that on the date the gypsum board is shipped from its manufacturing plant the gypsum board is free from defects in materials and manufacture. This warranty will remain in place for one year from the date of shipment from the manufacturing plant. THIS EXPRESS WARRANTY IS THE EXCLUSIVE WARRANTY PROVIDED BY PABCO® BUILDING PRODUCTS, LLC, AND SUPERSEDES ANY PRIOR, CONTRARY OR ADDITIONAL REPRESENTATIONS, WHETHER ORAL OR WRITTEN. PABCO® BUILDING PRODUCTS, LLC, HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES – WHETHER EXPRESS, IMPLIED, OR STATUTORY – INCLUDING ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY IMPLIED WARRANTIES OTHERWISE ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

If the gypsum board fails to conform to the foregoing warranty in Paragraph 1 and such nonconformity is not due to misuse or improper maintenance or storage, Buyer shall notify PABCO® Building Products, LLC, in writing, and within 60 days of discovery, PABCO® Building Products, LLC, shall provide, at its sole and absolute discretion, one of the following: (i) repair or replacement of any nonconforming or defective gypsum wallboard; or (ii) credit or full refund of the purchase price. THIS REMEDY SHALL BE THE EXCLUSIVE AND SOLE REMEDY OF BUYER FOR ANY BREACH OF WARRANTY.

IN NO EVENT SHALL PABCO® BUILDING PRODUCTS, LLC, BE LIABLE FOR ANY INCIDENTAL, SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES, WHETHER RESULTING FROM NONDELIVERY OR FROM THE USE, MISUSE, OR INABILITY TO USE THE PRODUCT OR FROM DEFECTS IN THE PRODUCT OR FROM NEGLIGENCE OR OTHER TORT. This exclusion applies regardless of whether such damages are sought for breach of warranty, breach of contract, negligence, or strict liability in tort or under any other legal theory.

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Note: Products described herein may not be available in all geographic markets. Consult your PABCO® Gypsum sales representative for information.

