

MANUFACTURER INFORMATION:

PABCO® Gypsum
a division of PABCO® building products, LLC
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Rancho Cordova, CA 95741
Technical Services: 866-282-9298
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PABCO® Gypsum Specification PGS-003
ASTM specification C 1396

DESCRIPTION:

WATER CURB® is designed to include a water-resistant chemistry into the naturally fire resistant gypsum core. This specialty core is encased 100% recycled paper distinguishable by a blue-green face paper treated to resist moisture, 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 that allows joints to be reinforced and concealed with joint treatment, creating a monolithic wall finish. WATER CURB® panels are available in 1/2" Regular formulation that is utilized in residential construction and other non-rated fire resistant assemblies and in the 5/8" Type X formulation utilized primarily in commercial application where fire-resistive and sound rated systems are specified.

PRIMARY USES:

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. WATER CURB® may also be painted or otherwise decorated. 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.

LIMITATIONS:

- 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.

WATER CURB®

Water-Resistant Gypsum Backing Board

- 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.

APPLICATION:

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 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® Gypsum endorses and recommends the application specifications published in GA-216 (www.gypsum.org) and/or ASTM C 840 (www.astm.org).

WATER RESISTANCE:

WATER CURB® backing board has been engineered with water-resistant chemistry that provides enhanced water protection. The use of good design, with proper handling and construction practices, is the most effective and best method for 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 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 glass faces, undue flexing, and damage to board edges, corners, and ends.

continued on back

Job name:	
Contractor:	Date:

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 WATER CURB® 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 for product updates and current information.

WATER CURB®

Water-Resistant Gypsum Backing Board

PRODUCT DATA, SIZES & TYPES:

Product	Thickness	Width	Length ¹	Edge Type	Weight ²	UL Core Type
WATER CURB® Regular	1/2" (12.7 mm)	48" (1219 mm)	8' (2438 mm), 12' (3658 mm)	Tapered	1.8 lbs/ft ²	N/A
WATER CURB® Type X	5/8" (15.8 mm)				2.4 lbs/ft ²	PG-5W

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

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:

WATER CURB® Thickness	1/2"	5/8"
Manufacturing:	ASTM C 1396	
Installation:	Gypsum Association GA-214, GA-216 – www.gypsum.org ASTM C 840 – www.astm.org	
Surface Burning Characteristics (ASTM E 84):	Flame Spread 15; Smoke Developed 0	
Combustibility (ASTM E 136):	Non-Combustible	
Fire-Resistant Assemblies:	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"	5/8"
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 www.PABCOgypsum.com , Technical Data	
Foil Application:	Foil may be applied to the back of ASTM C 1396 gypsum wallboard for the purpose of complying with ASTM C 1396 paragraph 5.1.	
PABCO® Gypsum literature:	"Construction Guide: Fire & Sound Rated Systems"	
Recycled Content:	Refer to PABCO® Sustainable Materials Data Sheet for plant specific details.	

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



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.