

MANUFACTURER INFORMATION:

PABCO® Gypsum
a division of PABCO® building products, LLC
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PABCO® Specification PGS-008
ASTM specification C1396

DESCRIPTION:

PABCORE® MOLD CURB® Plus SHAFTLINER Type X panels is a proprietary enhanced product engineered with a proprietary mold and water-resistant chemistry that provides the most enhanced mold and water resistant protection available in gypsum board products. This proprietary fire-resistive, mold and water-resistant gypsum core is encased in 100% recycled water-resistant face and back paper. The face paper is folded around the long edges to reinforce and protect the core, the ends are square cut and finished smooth. The long edges of panels feature a double beveled edge for ease of installation. PABCORE® MOLD CURB® Plus SHAFTLINER Type X panels are manufactured with the performance criteria described above, however, in addition, the core and paper facings have been chemically treated for enhanced protection to resist water and mold. This product is distinguishable by the light blue coloration of the paper.

PABCORE® MOLD CURB® Plus SHAFTLINER Type X panels are classified by Underwriters Laboratories in accordance with ASTM E119.

PRIMARY USES:

PABCORE® MOLD CURB® Plus SHAFTLINER Type X panels are designed for lining elevator, ventilation, and utility shafts, as well as constructing lightweight sound attenuation fire-resistant cavity shaft walls, and area separation fire walls in multifamily dwellings such as townhouses, condominiums, and apartments.

These panels are key components in PABCO® Shaftwall/Stairwell and Area Separation Fire

PABCORE® MOLD CURB® PLUS SHAFTLINER

Mold & Water Resistant, Type X

Wall (ASFW) Systems utilizing C-H, C-T Studs or H-Studs. PABCO® Shaftwall/Stairwell Systems are easy to erect, achieving fire-resistance ratings of one and two hours. Both solid and cavity-type area separation walls provide Sound Transmission Class (STC) ratings that exceed model building code requirements with designs that achieve STC ratings in excess of 60. Area Separation Fire Wall assemblies are light weight, weighing no more than 10 lbs/ft² when constructed. As a result, the need for costly footings or foundation modifications are often eliminated. Due to the relatively light weight panels, they can be installed up to four (4) stories in height.

When used as an area separation wall, the system must be:

- Continuous from the foundation to the underside of the protected roof sheathing or continue through the roof to form a parapet.
- Designed to allow for collapse of the construction on the side of the wall exposed to fire without collapse of the area separation fire wall.

LIMITATIONS:

- Shaftwall/Stairwell systems are designed as non-load bearing. (NLB)
- Do not install in areas which will be adjacent to occupancies of unusually high moisture conditions.
- Where penetrations occur in the assembly, additional reinforcement at corners may be required to distribute stress; approved flexible sealant/caulking may be required to seal around some penetrations.
- Through penetrations are not allowed in area separation fire walls that are designed to collapse on the fire side.
- Not recommended for use as an unlined HVAC supply shaft or duct.

- Limiting heights and deflection criteria must be based upon the metal stud manufacturer's recommendations.

APPLICATION:

PABCORE® MOLD CURB® Plus SHAFTLINER Type X panels may be used in one and two-hour shaftwall systems, one and two-hour horizontal corridor ceiling systems and two-hour Area Separation Walls. Refer to the PABCO® Gypsum Shaftwall Systems publication for details. PABCO® Gypsum endorses and recommends the application specifications published in GA-216 (www.gypsum.org) and/or ASTM C840 (www.astm.org).

MOLD & WATER RESISTANCE:

PABCORE® MOLD CURB® Plus SHAFTLINER Type X panels additionally provide resistance against water and mold due to chemical treatment of the paper facings and the gypsum core, as compared to untreated gypsum board panels. 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® 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

continued on back

Job name:	
Contractor:	Date:

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](#) — 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.

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™, MOLD CURB® Plus, and PABCORE® 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.

PABCORE® MOLD CURB® PLUS SHAFTLINER

Mold & Water Resistant, Type X

PRODUCT DATA, SIZES & TYPES:

Product	Thickness	Width	Length ¹	Edge Type	Weight ²	UL Core Type
PABCORE® MOLD CURB® Plus Shaftliner	1" (25.4 mm)	24" (610 mm)	8' (2438 mm)	Double Beveled	4.1 lbs/ft ²	PG-10
			10' (3048 mm)			
			12' (3658 mm)			

PACKAGING: Stacked & Palletized

Markings: MOLD CURB® SHAFTLINER products are certified by a third-party inspection service. Each panel bears the Underwriters Laboratories, Inc. label to indicate certification of fire resistance, surface burning characteristics, and non-combustibility.

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:

PABCORE® MOLD CURB® Plus Shaftliner Thickness	1"
Manufacturing:	ASTM C1396
Installation:	Gypsum Association GA-216 – www.gypsum.org ASTM C 840 – www.astm.org
Mold Resistance (ASTM D3273):	10 (highest rating)
Surface Burning Characteristics (ASTM E84):	Flame Spread 15; Smoke Developed 0
Combustibility (ASTM E136):	Non-Combustible
Fire-Resistant Assemblies:	Gypsum Association GA-600, Fire Design Manual Underwriters Laboratories, UL Fire Resistance Directory
Flexural Strength, Load lbf (N) (ASTM C473): Test Method B	
Perpendicular to substrate edge	228 lbf (1,014 N)
Parallel to substrate edge	77 lbf (343 N)
Humidified deflection (ASTM C473):	N/A
Water absorption (ASTM C473):	≤10%
Thermal resistance R value (ASTM C518):	0.83
Composition:	100% recycled paper face, gypsum core
Material Safety Data Sheet MSDS:	MSDS available at www.PABCOgypsum.com , Technical Data
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 VI, Grade X. 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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