

Submittal 09 29 00



ABUSE CURB™

Abrasion, Impact, Indentation, Scuff, Moisture & Mold Resistant Gypsum Board

PABCO® Gypsum
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PABCO® Gypsum Specification PGS-011
ASTM specification C 1629



Description:

PABCO® ABUSE CURB™ gypsum panels are comprised of a proprietary high density fire resistant type X gypsum core that incorporates the MOLD CURB® Plus technology designed for interior wall assemblies where surface durability (abrasion and indentation resistance), moisture, mold and mildew are primary considerations.

PABCO® ABUSE CURB™ gypsum panels are encased in a heavy and durable 100% recycled light-blue colored abrasion-resistant face paper treated for mold/mildew resistance, and 100% recycled heavy mold/mildew treated gray liner paper on the back side. This product features a tapered edge formation that provides a recessed area to allow for the finished joint system to be below the decorating surface, resulting in a monolithic wall finish. The ends are cut square and finished smooth.

Primary Uses:

PABCO® ABUSE CURB™ gypsum panels are a high density formulated core that provides superior resistance to abrasion and surface indentation. These gypsum panels been designed and tested for use on high traffic interior walls (i.e. schools, hospitals, corrections facilities and offices), and partitions in either new or renovation construction applications where surface durability, abrasion and indentation resistance, moisture and mold/mildew are the desired attributes for the finished wall.

PABCO® ABUSE CURB™ gypsum panels are designed for direct mechanical attachment (nail, screw or adhesive) to wood or metal substrates, or attached to an existing surface using fasteners or adhesives. With the wallboard joints properly treated per GA-216 and GA-214, PABCO® ABUSE CURB™ gypsum panels will resist the passage of smoke.

Limitations:

PABCO® ABUSE CURB™ type X gypsum panels are intended for interior applications only, and shall not be used where there will be direct exposure to water or continuous high humidity before, during, and after construction. Avoid exposure to temperatures exceeding 125° F (52° C) for an extended period of time.

PABCO® ABUSE CURB™ type X gypsum panels are a non-structural panel, not intended to be used as a structural fastener base or to support wall or ceiling mounted objects.

All materials used in conjunction with the application of PABCO® ABUSE CURB™ type X gypsum panels shall be as specified in the applicable specific test report.

Application:

PABCO® Gypsum endorses the Gypsum Association's publication GA-216 as its application document.





Mold & Water Resistance:

PABCO® ABUSE CURB™ **abuse-resistant** gypsum panels have been engineered with a water-resistant chemistry that provides the most enhanced water and mold-resistant protection available in gypsum board products, to provide protection against mold due to chemical treatment of the paper facings and the gypsum core, as compared to untreated gypsum 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® ABUSE CURB™ **abuse-resistant** gypsum panel 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 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.

Product Data, Sizes and Types:

Product	UL Core Type	Thickness	Width	Length ¹	Weight ²
ABUSE CURB™ Type X	PG-5W	5/8" (15.9 mm)	48" (1219mm)	12'	2.9 lbs/ft ²

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

Edge type: Tapered Edge

¹ Other lengths may be available on a special order basis. ² Represents approximate weight for design and shipping purposes.

Testing Data:

Surface Abrasion Resistance:	Tested in accordance with modified ASTM 4977,	Classification Level 2
Indentation Resistance:	Tested in accordance with ASTM D 5420,	Classification Level 1
Soft Body Impact:	Tested in accordance with ASTM E 695,	Classification Level 1
Hard Body Impact:	Tested in accordance with ASTM C 1629	Tested 40 ft-lbs

Note: Independent testing performed by Intertek Testing Services

Applicable Standards and Technical Data:

Manufacturing:	ASTM C 1629 Federal Specification SS-L-30D Type VII Grade WX*
Installation:	Gypsum Association GA-216, GA-214; www.gypsum.org ASTM C 840; www.astm.org
Mold Resistance:	ASTM D 3273
Surface Burning Characteristics:	ASTM E 84, Flame Spread 15, Smoke Developed 0
"R" value:	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. Trademarks: The following trademarks used herein are owned by Pacific Coast Building Products and licensed to PABCO® Gypsum: PABCO®, PABCORE®, FLAME CURB®, WATER CURB®, MOLD CURB®, Quality to the Core®.

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