

**MANUFACTURER INFORMATION:**

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

PABCO® Gypsum Specification PGS-020  
ASTM specification C1396

**DESCRIPTION:**

SOUND CURB™ panels with Quiet® core gypsum technology are engineered to reduce sound transmission in floor/ceiling applications. SOUND CURB™ panels are ideal for most multi-level residential or light-commercial projects where fire resistance is a primary objective and where additional mass is desired for improved Sound Transmission Class (STC) and Impact Insulation Class (IIC) performance, especially in lower frequencies where sound control is proven difficult.

The proprietary, high-density, gypsum core is reinforced with glass fibers for added strength and fire-resistance. The paper encasing the proprietary core is manufactured with 100% recycled paper and is folded around the long edges to reinforce in addition to protecting the core; the panel ends are cut square. The long panel edges are tapered, allowing a recessed joint area to be reinforced and concealed to create a monolithic surface suitable for decoration.

3/4" SOUND CURB™ meets or exceeds the requirements specified by ASTM under its gypsum board standard ASTM C 1396 Type X.

This product was developed with the addition of mineral additives integrated into the product's core to enhance the gypsum core's performance during exposure to fire. For fire and sound rated systems, it is important to consult the appropriate fire resistance directory or test report for specific components that are acceptable for use in the specific system.

SOUND CURB™ Type X is "classified" by Underwriters Laboratories in accordance with ASTM E119 and UL 263.

**PRIMARY USES:**

SOUND CURB™ products are non-laminated, non-structural gypsum panels intended for interior ceilings and partition walls in residential and commercial applications which often require specific fire-resistant assemblies. SOUND CURB™ Type X is appropriate for applications requiring high density panels for the control of low frequency sound transmission especially structurally transmitted sound through floors in multi-story structures. SOUND CURB™ panels used with acoustically damped floor systems will achieve significant sound reduction. UL Designs L592, L598, M519 and M537 are typical systems. SOUND CURB™ applied with the wallboard joints properly treated per GA-216 and GA-214 will resist the passage of smoke.

**LIMITATIONS:**

- Intended for interior applications, and shall not be used where there will be direct exposure to water or continuous high humidity before, during, and after construction.
- Non-load bearing
- Avoid exposure to temperatures exceeding 125-degree F (52-degree C) for extended periods.
- SOUND CURB™ is a non- structural panel, not 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 SOUND CURB™ Type X gypsum panels in Fire or Sound Rated systems shall be installed as specified in the applicable test report.

# SOUND CURB™

## Type X

**APPLICATION:**

PABCO® Gypsum endorses the Gypsum Association's publication GA-214, GA-216 ([www.gypsum.org](http://www.gypsum.org)) and ASTM Standard Specification C840 ([www.astm.org](http://www.astm.org)) as its application and finishing specifications. The specifications provide detailed instructions on the standard application of wallboard panels and proper joint finishing procedures. For fire and sound rated systems, it is important that you consult the appropriate fire resistance directory or test report for the complete assembly documentation and related information. These systems must be installed in strict compliance with the detailed fire test assembly description, including core types and other components such as studs, fastener spacing and fasteners type and installed as tested. To qualify for listed sound ratings, special caulking, insulation or clips are generally added to the systems as detailed in the test report.

**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 ensure that each component of the specified assembly is as specified in the referenced fire-resistance rated design, and assembled in accordance with the specific requirements of the assembly.

\*The [International Accreditation Service](http://www.iasinc.org) — 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.

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Job name:	
Contractor:	Date:

# SOUND CURB™

## Type X

### 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 and/or scuffing of the glass faces, undue flexing, and damage to panel's 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™, SOUND CURB™, and Quiet® 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.

#### NEED HELP WITH A PROJECT OR HAVE QUESTIONS ABOUT THIS PRODUCT?

Contact the PABCO® Gypsum Technical Services Team at **(866) 282-9298**.

#### ACHIEVE HIGH STC DESIGNS LIKE NEVER BEFORE WITH QUIETROCK!

Visit [www.QuietRock.com](http://www.QuietRock.com) or call **(800) 797-8159** to speak with a product specialist.

### PRODUCT DATA, SIZES & TYPES:

Product	Thickness	Width	Length <sup>1</sup>	Edge Type	Weight <sup>2</sup>	UL Core Type
Type X	3/4" (19.05 mm)	48" (1219 mm)	-	Tapered	3.1 lbs/ft <sup>2</sup>	PG-13

**PACKAGING:** 3/4" packaged as single panels stacked face up.

<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:

FLAME CURB® Thickness	3/4"
Manufacturing:	ASTM C 1396
Installation:	Gypsum Association GA-214, 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>
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
Permeance (perms; ng/Pa.s.m <sup>2</sup> ) (ASTM E 96):	> 1
Flexural Strength, Load lbf (N) (ASTM C 473): Test Method B	
Perpendicular to substrate edge	167 lbf (743 N)
Parallel to substrate edge	56 lbf (249 N)
Humidified deflection (ASTM C 473):	5/8" (16 mm)
Thermal resistance R value (ASTM C 518):	0.64
Composition:	100% recycled paper face, gypsum core
Safety Data Sheet SDS:	SDS available at <a href="http://www.PABCOgypsum.com">www.PABCOgypsum.com</a> , <a href="#">Technical Data</a>
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® <a href="#">Sustainable Materials</a> Data Sheet for plant specific details.

*Federal Specification SS-L-30D Type III, Grade X. For Type C products should the Grade for the Federal Spec be "R". The federal specification for gypsum board, SS-L-30d was withdrawn in 1984. It is provided here for informational purposes only.*