

MANUFACTURER INFORMATION:

PABCO® Gypsum
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PABCO® Specification PGS-005
ASTM specification C 1396

DESCRIPTION:

PABCO® Exterior Gypsum Soffit Board is designed for use in an exterior ceiling application. The gypsum core has been formulated with additives that enhances its ability to resist sag. This specialty core is then encapsulated in a cream or light-brown treated moisture resistant face paper and a light-grey or light-brown back paper that further increases its resistance to moisture. The face paper is folded around the long edges to reinforce in addition to protect the core. The long panel edges are tapered allowing a recessed joint area to be reinforced and concealed to create a monolithic ceiling surface suitable for decoration. This product is designed for use in an exterior ceiling application, i.e. underside of exterior soffits; open porches; walkways; carport ceilings and similar installations that are completely protected from contact with water. This product is manufactured in the 1/2" Regular, 1/2" Type XXX, 5/8" Type X, and 5/8" Type C core formulations.

1/2" Exterior Soffit is available in the Regular and 1/2" Type XXX formulation and is intended for use as a single layer application primarily in residential construction

5/8" Exterior Soffit Type X is intended for use in select applications that require fire-tested systems. Exceeds the requirements specified by ASTM under its wallboard standard ASTM C 1396 Type X.

5/8" Exterior Soffit Type C is intended for use in select applications that require extended fire-tested systems. Exceeds the requirements

specified by ASTM under its wallboard standard ASTM C 1396 Type X.

Exterior Soffit Type X and Exterior Soffit Type C are classified by Underwriters Laboratories in accordance with ASTM E 119.

PRIMARY USES:

Exterior soffit board is designed to provide extra resistance to moisture and sagging required for exterior ceiling application in the out-door environment. It is typically used on exterior soffits and sheltered exterior ceilings such as open porches, walkways, carport ceilings and similar installations in commercial and residential construction with indirect exposure to environmental conditions. Type C is appropriate for applications requiring an extended fire resistance performance that exceeds the Type X "classified" core formulation in fire-resistive construction.

LIMITATIONS:

- PABCO® Exterior Gypsum Soffit Board shall not be subjected to direct exposure to weather, and water.
- 24" o.c. (on center) joist spacing is the maximum span for PABCO® Type X Exterior Gypsum Soffit Board.
- An approved exterior surface decoration (alkyd paint) must be applied to all exposed soffit board. (See TSR: 1338).
- All materials and application of PABCO® Type X Exterior Gypsum Soffit Board on fire rated assemblies shall be as indicated in the fire test report.
- PABCO® Exterior Gypsum Soffit Board Shall not be exposed to sustained temperatures exceeding 125° F (52° C).
- PABCO® Exterior Gypsum Soffit Board is non-

structural, and not to be used as a structural fastener base, or to support heavy wall or ceiling mounted objects.

APPLICATION:

Exterior Soffit Board panels are intended for direct attachment to wood framing or furring and to metal framing either by direct attachment or by suspended metal furring. Panels shall be applied perpendicular to ceiling joists, in a horizontal plane or inclined downward away from the structure in ceiling applications. Panels may be used as a covering on interior wall surfaces. All joints and fasteners not covered by exterior cladding or outer layers in a multi-layer system shall be finished with tape and joint compound. Unless protected by metal or other water stops, all edges of the soffit board shall be spaced a minimum of 1/4" away from adjacent vertical surfaces. Suitable fascia and molding shall be provided around the perimeter of the soffit or ceiling to protect the gypsum panels from direct exposure to water. All soffit board indirectly exposed shall be decorated with an approved exterior cladding or painting system. When PABCO® Type X Exterior Gypsum Soffit Board is specified for use in fire rated systems, the UL core type specified and the application method must be as specified in the fire tested system selected.

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

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

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| Job name: | |
| Contractor: | Date: |

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, and what the job demands™ 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.

EXTERIOR SOFFIT

Regular, Type XXX, Type X, Super C

PRODUCT DATA, SIZES & TYPES:

| Product | Thickness | Width | Length ¹ | Edge Type | Weight ² | UL Core Type |
|--------------------------|----------------|---------------|-----------------------------|-----------|-------------------------|--------------|
| Exterior Regular | 1/2" (12.7 mm) | 48" (1219 mm) | 8' (2438 mm), 12' (3658 mm) | Tapered | 1.7 lbs/ft ² | N/A |
| Exterior Soffit Type XXX | 1/2" (12.7 mm) | | 8' (2438 mm), 12' (3658 mm) | Tapered | 2.0 lbs/ft ² | PG-3 |
| Exterior Soffit Type X | 5/8" (15.8 mm) | | 8' (2438 mm), 12' (3658 mm) | Tapered | 2.3 lbs/ft ² | PG-11 |
| Exterior Soffit Type C | 5/8" (15.8 mm) | | 8' (2438 mm), 12' (3658 mm) | Tapered | 2.4 lbs/ft ² | Type C |

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:

| PABCO® EXTERIOR SOFFIT Thickness | 1/2" | 5/8" |
|---|---|-----------------|
| Manufacturing: | ASTM C 1396 | |
| Installation: | Gypsum Association 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 (160 N) |
| Parallel to substrate edge | 36 lbf (160 N) | 46 lbf (205 N) |
| Humidified deflection (ASTM C 473): | 7/8-in (22 mm) | 4/8-in (13 mm) |
| 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 III, 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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Visit www.QuietRock.com or call (800) 797-8159 to speak with a product specialist.