



ICC-ES Listing Report

Reissued April 2025

ESL-1217

This listing is subject to renewal April 2026.

CSI: DIVISION: 09 00 00—FINISHES
Section: 09 29 00—Gypsum Board

Product Certification System:

The ICC-ES product-certification system includes evaluating reports of tests of standard manufactured product, prepared by accredited testing laboratories and provided by the listee, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the listee's quality system.

Product: PABCO GLASS® 5/8-INCH TYPE X SHEATHING

Listee: PABCO® GYPSUM, A DIVISION OF PABCO® BUILDING PRODUCTS, LLC

Evaluation: PABCO GLASS® Type X Sheathing is 5/8-inch (15.9 mm) thick and 48 inches (1219 mm) wide, has square edges and is available in 96 inch (2438 mm) lengths. Custom sizes are available upon requested. PABCO GLASS® Type X Sheathing was evaluated based on a floor-ceiling assembly consisting of building-material components described in the Assembly Section, tested in accordance with the following standards:

- UL 263-11 (with revisions through June 2015), UL 263-11, UL 263-03 (with revisions through October 2007), and UL 263-03, Standard for Fire Tests of Building Construction and Materials, Underwriters Laboratories, Inc.
- ASTM E119-16, ASTM E119-2012A, ASTM E119-2008A, and ASTM E119-07, Standard Test Methods for Fire Tests of Building Construction and Materials, ASTM International.

Assembly: Minimum nominal 2-by-10 (1½ by 9¼ inches) (38 mm by 235 mm) Douglas fir, No. 2 grade wood joists spaced 16 inches (406 mm) with nominal 1 by 3 [¾ by 2½ inches (19 by 64 mm)] wood cross-bridging at midspan. Subflooring shall be either 15/32-inch (12 mm) plywood or 7/16-inch wood structural panels, minimum grade "C-D" or "sheathing" with strength axis perpendicular to joists with joints staggered and fastened with 8d nails spaced 8 inches (203 mm) on center, with end joints over joists. Finish flooring shall be minimum 19/32-inch (15 mm) tongue and groove wood structural panels, minimum grade "Underlayment" or "Single-Floor", with strength axis perpendicular to joists and joints staggered from subflooring joints. The finish flooring sheets are secured to the joists with 8d nails spaced 8 inches (203 mm) on center. One layer of 5/8-inch-thick (15.9 mm) PABCO GLASS® Type X Sheathing is installed on the ceiling side of the assembly perpendicular to the joists with the butted end joints in adjacent lengths staggered 48 inches (1219 mm). The boards are fastened directly to the joists with 17/8-inch long (47.6 mm) 6d nails at 6 inches (152 mm) on center starting ½-inch (12.7 mm) from the side edges. Fasteners must have minimum edge and end distances of ½-inch (12.7 mm).

Findings: The assembly described in the Assembly Section of this report is an unrestrained 1-hour fire-resistance-rated floor-ceiling assembly based on testing in accordance with UL 263/ASTM E119, as referenced in the applicable sections of the following code editions:

- 2018, 2015, 2012 and 2009 *International Building Code*®
Applicable Section: 703.2

Identification:

1. Each PABCO GLASS® Type X Sheathing board is identified with the manufacturer's name (PABCO® Gypsum), a plant identifier and date code, the product name, the board thickness, the evaluation report number (ESR-3562) and/or the ICC-ES listing report number (ESL-1217), and when applicable, the ICC-ES listing mark.

2. The report holder's contact information is the following:

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Installation: The PABCO GLASS® Type X Sheathing board shall be installed in accordance with PABCO® Gypsum's published installation instructions and applicable codes.

Conditions of Listing:

1. The listing report addresses only conformance with the standards and code sections noted above.
2. Approval of the product's use is the sole responsibility of the local code official.
3. The listing report applies only to the materials tested and as submitted for review by ICC-ES.
4. The Assembly Section describes the assembly using PABCO GLASS® Type X Sheathing board that is qualified for use in an unrestrained floor-ceiling fire-resistance-rated assembly.