ICC-ES Evaluation Report

ESR-4183

Reissued April 2025

Subject to renewal April 2026

This report also contains:

- **City of LA Supplement**
- **CA Supplement**
- **FL Supplement**

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DIVISION: 05 00 00—METALS Section: 05 50 00—Metal Fabrications	REPORT HOLDER: LONGBOARD ARCHITECTURAL PRODUCTS INC. LONGBOARD® INSPIRING ARCHITECTURE	EVALUATION SUBJECT: LONGBOARD SYSTEMS	

1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2024, 2021, 2018 and 2015 *International Building Code®* (IBC)
- 2024, 2021, 2018 and 2015 *International Residential Code®* (IRC)

Properties evaluated:

- Surface-burning characteristics
- Noncombustibility

2.0 USES

The Longboard Systems: Longboard Privacy Screen System, Longboard Link & Lock™ System, and Longboard Link & Lock™ HD System, are used in exterior applications as a partition to provide a visual barrier and may also be used as an interior finish in accordance with IBC Section 803 or IRC Section R302.9, as applicable. See Figures 1 and 2.

3.0 DESCRIPTION

The Longboard Privacy Screen System is constructed of rectangular aluminum members (see Figure 3) attached to aluminum posts. The posts may be attached to walls or mounted on base plates. Miscellaneous items that may be used in different installations include a bracket, plastic spacer, flat-bar spacer, post cap, and tube cap as shown in Figure 4.

The Longboard Link & Lock™ System and Longboard Link & Lock™ HD System are constructed of matching self-mating aluminum extrusions (see Figure 5), mechanically fastened to substrates (by others) at various spacings. Miscellaneous items that may be used in different installations include a mounting clip, end cap, stiffener, and end mount as shown in Figure 6.

The aluminum members (Figures 3 and 5) are fabricated from 6063 T5 aluminum. They are noncombustible based on testing in accordance with ASTM E136. With the powder coating applied, they have a flame spread index of less than 25 and a smoke-developed index of less than 450 when tested in accordance with ASTM E2768 (which includes ASTM E84). The members with the powder coating applied are noncombustible materials in accordance with the Exception to Section 703.3.1 of the 2021 IBC and composite materials in accordance with 2018 and 2015 IBC Section 703.5.2.

The aluminum members with the powder coating meet the requirements for a Class A interior finish.

4.0 INSTALLATION

The Longboard Privacy Screen System must be installed in accordance with this report and the manufacturer's published installation instructions.

5.0 CONDITIONS OF USE:

The Longboard Systems described in this report comply with, or are a suitable alternative to what is specified in, those codes listed in Section 1.0 of this report, provided the installation complies with this report, subject to the following conditions:

5.1 Installation must comply with the requirements of the applicable code, this report and the manufacturer's published installation instructions. In the event of conflict between this report and the manufacturer's published installation instructions, this report governs.

5.2 Use of the Longboard Systems is for visual purposes only. Use as an exterior wall veneer is outside the scope of this report.

6.0 EVIDENCE SUBMITTED

6.1 Manufacturer's descriptive literature and published installation instructions.

6.2 Data in accordance with ASTM E136.

6.3 Data in accordance with ASTM E2768.

6.4 Quality documentation in accordance with the ICC-ES Acceptance Criteria for Quality Documentation (AC10).

7.0 IDENTIFICATION

7.1 Each bundle of the Longboard System material described in this report is identified with a label that contains the manufacturer's name, the product name (Longboard Privacy Screen System, Longboard Link & Lock™ System, or Longboard Link & Lock™ HD System), the profile code, and this evaluation report number (ESR-4183).

7.2 The report holder's contact information is the following:

LONGBOARD ARCHITECTURAL PRODUCTS INC.
#120-1777 CLEARBROOK ROAD
ABBOTSFORD, BRITISH COLUMBIA V2T 5X5
CANADA
(604) 607-6630
www.longboardproducts.com
info@longboardproducts.com

FIGURE 1—LONGBOARD PRIVACY SCREEN

FIGURE 2—LONGBOARD LINK & LOCK™ AND LONGBOARD LINK & LOCK™ HD SYSTEMS

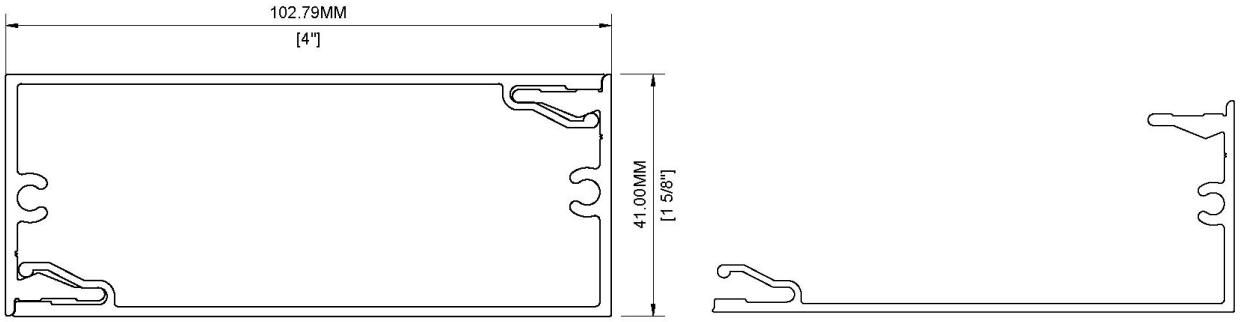


FIGURE 3—LINK & LOCK BATTENS FOR THE LONGBOARD PRIVACY SCREEN SYSTEM (4-INCH PIECE TUBE AS SHOWN, ALSO AVAILABLE IN 2, 6 AND 8-INCH TUBES)

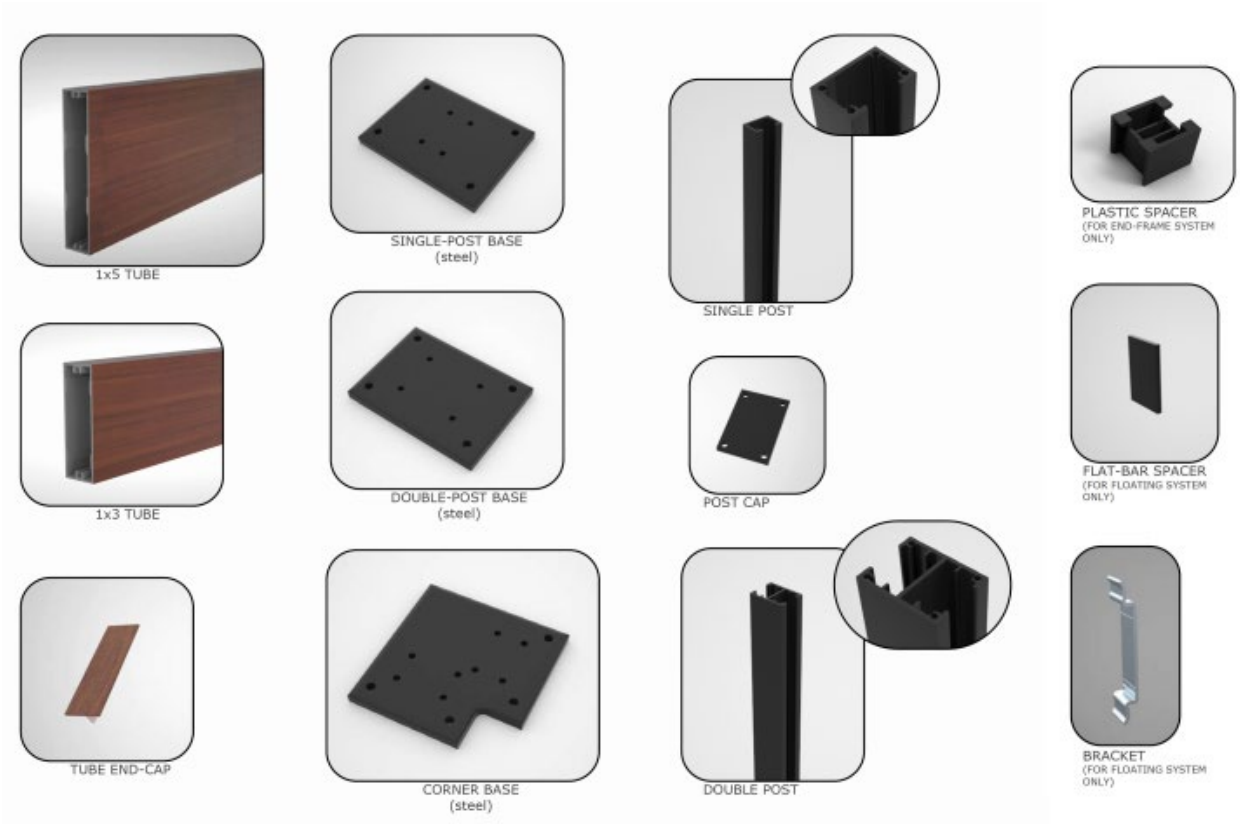
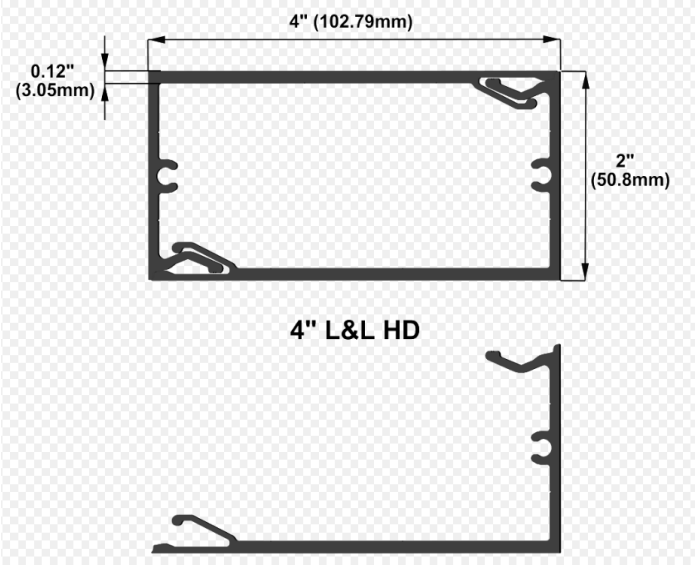


FIGURE 4—LONGBOARD PRIVACY SCREEN SYSTEM MISCELLANEOUS ITEMS



Notes:

- **Link & Lock™ System Battens are available in 2x2, 4x4, and 4x6-inch Tubes.**
- **Link & Lock™ HD System Battens are available in 2x4, 2X6, and 2X8-inch Tubes.**

FIGURE 5— LONGBOARD LINK & LOCK™ AND LINK & LOCK™ HD SYSTEMS ALUMINUM BATTENS

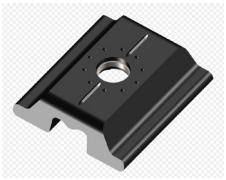
2-inch End Mount

4-inch End Mount

6-inch End Mount

8-inch End Mount

Stiffener



Mounting Clip

FIGURE 6—LONGBOARD LINK & LOCK™ AND LINK & LOCK™ HD SYSTEMS MISCELLANEOUS ITEMS

DIVISION: 05 00 00—METALS
Section: 05 50 00—Metal Fabrications

REPORT HOLDER:

LONGBOARD ARCHITECTURAL PRODUCTS INC.

EVALUATION SUBJECT:

LONGBOARD PRIVACY SCREEN SYSTEM

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that Longboard Privacy Screen System, described in ICC-ES evaluation report ESR-4183, has also been evaluated for compliance with the codes noted below as adopted by the Los Angeles Department of Building and Safety (LADBS).

Applicable code editions:

- 2023 *City of Los Angeles Building Code (LABC)*
- 2023 *City of Los Angeles Residential Code (LARC)*

2.0 CONCLUSIONS

The Longboard Privacy Screen System, described in Sections 2.0 through 7.0 of the evaluation report ESR-4183, complies with the LABC Sections 703.3.1 and 803.1.2 for Class A finish, and the LARC R302.9, and are subjected to the conditions of use described in this supplement.

3.0 CONDITIONS OF USE

The Longboard Privacy Screen System, described in this evaluation report must comply with all of the following conditions:

- All applicable sections in the evaluation report ESR-4183.
- The design, installation, conditions of use and identification are in accordance with the 2021 *International Building Code®* (IBC) provisions noted in the evaluation report ESR-4183.
- The design, installation and inspection are in accordance with additional requirements of LABC Chapters 16 and 17, as applicable.
- The Longboard Privacy Screen System may be used in the exterior design and construction of new buildings located in a Fire Hazard Severity Zone within State Responsibility Areas or Wildland–Urban Interface Fire Area, provided installation is in accordance with the 2021 *International Building Code®* (IBC) provisions noted in the evaluation report and the additional requirements of CBC Sections 701A.3 and 710A. The Longboard Privacy Screen System complies with the noncombustible material performance requirements of CBC Section 704A.4 (Item 1) when tested in accordance with ASTM E136 and may be used in the exterior design and construction of exterior walls in new buildings located in a Fire Hazard Severity Zone within State Responsibility Areas or Wildland–Urban Interface Fire Area.
- The Longboard Privacy Screen System may be used in the exterior design and construction of new buildings located in a Fire Hazard Severity Zone within State Responsibility Areas or Wildland–Urban Interface Fire Area, provided installation is in accordance with the 2021 *International Residential Code®* (IRC) provisions noted in the evaluation report and the additional requirements of CRC Sections R337.1.3 and R337.10. The Longboard Privacy Screen System complies with the noncombustible material performance requirements of CRC Section R337.4.4 (Item 1) when tested in accordance with ASTM E136 and may be used in the exterior design and construction of exterior walls in new buildings located in a Fire Hazard Severity Zone within State Responsibility Areas or Wildland–Urban Interface Fire Area.

This supplement expires concurrently with the evaluation report, reissued April 2025.

DIVISION: 05 00 00—METALS
Section: 05 50 00—Metal Fabrications

REPORT HOLDER:

LONGBOARD ARCHITECTURAL PRODUCTS INC.

EVALUATION SUBJECT:

LONGBOARD PRIVACY SCREEN SYSTEM

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that Longboard Privacy Screen System, described in ICC-ES evaluation report ESR-4183, has also been evaluated for compliance with the codes noted below.

Applicable code editions:

■ 2022 *California Building Code* (CBC)

For evaluation of applicable chapters adopted by the California Office of Statewide Health Planning and Development (OSHPD) AKA: California Department of Health Care Access and Information (HCAI) and the Division of State Architect (DSA), see Sections 2.1.1 and 2.1.2 below.

■ 2022 *California Residential Code* (CRC)

2.0 CONCLUSIONS

2.1 CBC:

The Longboard Privacy Screen System, described in Sections 2.0 through 7.0 of the evaluation report ESR-4183, complies with CBC Sections 703.3.1 and 803.1.2, provided the design and installation are in accordance with the 2021 *International Building Code*® (IBC) provisions noted in the evaluation report and the additional requirements of the CBC.

2.1.1 OSHPD: The applicable OSHPD Sections and Chapters of the CBC are beyond the scope of this supplement.

2.1.2 DSA: The applicable DSA Sections and Chapters of the CBC are beyond the scope of this supplement.

The Longboard Privacy Screen System may be used in the exterior design and construction of new buildings located in a Fire Hazard Severity Zone within State Responsibility Areas or Wildland–Urban Interface Fire Area, provided installation is in accordance with the 2021 *International Building Code*® (IBC) provisions noted in the evaluation report and the additional requirements of CBC Sections 701A.3 and 710A. The Longboard Privacy Screen System complies with the noncombustible material performance requirements of CBC Section 704A.4 (Item 1) when tested in accordance with ASTM E136 and may be used in the exterior design and construction of exterior walls in new buildings located in a Fire Hazard Severity Zone within State Responsibility Areas or Wildland–Urban Interface Fire Area.

2.2 CRC:

The Longboard Privacy Screen System, described in Sections 2.0 through 7.0 of the evaluation report ESR-4183, complies with CRC Section R302.9, provided the design and installation are in accordance with the 2021 *International Residential Code*® (IRC) provisions noted in the evaluation report.

The Longboard Privacy Screen System may be used in the exterior design and construction of new buildings located in a Fire Hazard Severity Zone within State Responsibility Areas or Wildland–Urban Interface Fire Area, provided installation is in accordance with the 2021 *International Residential Code*® (IRC) provisions noted in the evaluation report and the additional requirements of CRC Sections R337.1.3 and R337.10. The Longboard Privacy Screen System complies with the noncombustible material performance requirements of CRC Section R337.4.4 (Item 1) when tested in accordance with ASTM

E136 and may be used in the exterior design and construction of exterior walls in new buildings located in a Fire Hazard Severity Zone within State Responsibility Areas or Wildland–Urban Interface Fire Area.

The products included in this supplement have not been evaluated for compliance with the *International Wildland–Urban Interface Code*®.

This supplement expires concurrently with the evaluation report, reissued April 2025.

DIVISION: 05 00 00—METALS
Section: 05 50 00—Metal Fabrications

REPORT HOLDER:

LONGBOARD ARCHITECTURAL PRODUCTS INC

EVALUATION SUBJECT:

LONGBOARD PRIVACY SCREEN SYSTEM

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that Longboard Privacy Screen System, described in ICC-ES evaluation report ESR-4183, has also been evaluated for compliance with the codes noted below.

Applicable code editions:

- 2023 *Florida Building Code—Building*
- 2023 *Florida Building Code—Residential*

2.0 CONCLUSIONS

The Longboard Privacy Screen System, described in Sections 2.0 through 7.0 of ICC-ES evaluation report ESR-4183, complies with the *Florida Building Code—Building* and *Florida Building Code—Residential*. The design requirements must be determined in accordance with the *Florida Building Code—Building* or the *Florida Building Code—Residential,* as applicable. The installation requirements noted in ICC-ES evaluation report ESR-4183 for the 2021 *International Building Code®* and the 2021 *International Residential Code®* meet the requirements of the *Florida Building Code—Building* and the *Florida Building Code—Residential*.

Use of the Longboard Privacy Screen System for compliance with the High-Velocity Hurricane Zone provisions of the *Florida Building Code—Building* and the *Florida Building Code—Residential* has not been evaluated, and is outside the scope of this supplemental report.

For products falling under Florida Rule 61G20-3, verification that the report holder's quality assurance program is audited by a quality assurance entity approved by the Florida Building Commission for the type of inspections being conducted is the responsibility of an approved validation entity (or the code official when the report holder does not possess an approval by the Commission).

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