

DIVISION: 06 00 00 – WOOD, PLASTICS, AND COMPOSITES
Section: 06 16 36 – Wood Panel Product Sheathing

REPORT HOLDER:
Louisiana-Pacific Corporation
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REPORT SUBJECT:
LP BurnGuard™ FRT OSB

1.0 SCOPE OF EVALUATION

1.1 This Research Report addresses compliance with the following Codes:

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

NOTE: This report references the most recent Code editions noted. Section numbers in earlier editions may differ.

1.2 LP BurnGuard™ FRT OSB has been evaluated for the following properties (see Table 1):

- Surface Burning Characteristics
- Moisture Content (for interior applications)
- Corrosion of Metal (for interior applications)

1.3 LP BurnGuard™ FRT OSB has been evaluated for the following uses (see Table 1):

- Use as fire-retardant-treated wood in accordance with IBC Section 2303.2.3 and IRC Section R302.15.2 for treatment by “Other means during manufacturing”.
- For use in interior applications in accordance with IBC Section 2303.2.8 and IRC Section R302.15.9.

2.0 STATEMENT OF COMPLIANCE

LP BurnGuard™ FRT OSB complies with the Codes listed in Section 1.1, for the properties stated in Section 1.2, and uses stated in Section 1.3, when installed as described in this report, including the Conditions of Use stated in Section 6.0.

2.1 2024 IBC and IRC Evaluation Reports: The Intertek CCRR is an *Evaluation Report* for approval of an alternate material, design, or method of construction in accordance with Section 104.2.3.6.1 of the 2024 IBC and Section R104.2.2.6.1 of the 2024 IRC.

3.0 DESCRIPTION

3.1 LP BurnGuard™ FRT OSB: LP BurnGuard™ FRT OSB is a minimum 7/16 Performance Category Oriented Strand Board (OSB) manufactured with fire-retardant-treated wood strands. The APA Rated Sheathing, Exposure 1 OSB complies with US DOC PS 2 for wood structural panels.

4.0 PERFORMANCE CHARACTERISTICS

4.1 Surface Burning Characteristics: LP BurnGuard™ FRT OSB panel has a flame-spread index of 25 or less, a smoke developed index of 450 or less, and a maximum flame front of <10.5 ft, when tested in accordance with ASTM E84, continued for an additional 20 minutes, as specified in IBC Section 2303.2 and IRC Section R302.15, including the 1/8-inch gap in accordance with IBC Section 2303.2.4 and IRC Section R302.15.3.1 for fire-retardant-treated wood structural panels.

4.2 Moisture Content: LP BurnGuard™ FRT OSB has been evaluated in accordance with ASTM D3201 to confirm a moisture content of 28% or less as specified in IBC Section 2303.2.8 and IRC Section R302.15.9 for fire-retardant-treated wood used in “Interior applications.”

4.3 Corrosion of Metal: Based on corrosion testing in accordance with AWWA E12, LP BurnGuard™ FRT OSB in contact with carbon steel, hot dip zinc coated galvanized steel, aluminum, and copper is deemed acceptable for use in AWWA Use Category UC1 (Interior/Dry).



5.0 INSTALLATION

5.1 General: LP BurnGuard™ FRT OSB panels must be installed in accordance with the manufacturer's published installation instructions, the applicable Code, and this Research Report. A copy of the manufacturer's instructions (LP BurnGuard FRT OSB Installation Instructions, Document LP LPBG0003, dated December 2025) must be available on the jobsite during installation.

5.2 Application: LP BurnGuard™ FRT OSB Panels must be attached to structural framing in accordance with the applicable Code for wood structural panels, and in compliance with their span rating. The panels may be installed horizontally or vertically on walls.

5.3 Fasteners: Common carbon steel fasteners may be used for interior applications in accordance with IBC 2304.10.6.4 and IRC R304.3.4.

6.0 CONDITIONS OF USE

6.1 Installation must comply with this Research Report, the manufacturer's published installation instructions, the applicable Code, and APA Engineered Wood Construction Guide (Form E30). In the event of a conflict, this report governs.

6.2 In Type I and II construction, installation shall be as a fire-retardant-treated wood in accordance with IBC Section 603.1.

6.3 In Type III construction, installation shall be as fire-retardant-treated wood sheathing in accordance with IBC Section 602.3.

6.4 Other non-bearing interior applications shall be where fire-retardant-treated wood sheathing is permitted by the code.

6.5 LP BurnGuard™ FRT OSB panels are manufactured under a quality control program with inspections by Intertek Testing Services NA, Inc., and APA – The Engineered Wood Association (PS-2).

7.0 SUPPORTING EVIDENCE

7.1 Reports of tests in accordance with ASTM E84, ASTM D3201, and AWP A E12.

7.2 Intertek Listing Report "[Louisiana-Pacific – LP BurnGuard™ FRT OSB](#)", on the [Intertek Directory of Building Products](#).

8.0 IDENTIFICATION

The LP BurnGuard™ FRT OSB is identified with the manufacturer's name (Louisiana-Pacific), the product name (LP BurnGuard™ FRT OSB), requirements per IBC Section 2303.2.5 and IRC Section R302.15.4, the Intertek Mark as shown below, the Intertek Control Number, and the Code Compliance Research Report number (CCRR-0588).



9.0 OTHER CODES

This section is not applicable.

10.0 CODE COMPLIANCE RESEARCH REPORT USE

10.1 Approval of building products and/or materials can only be granted by a building official having legal authority in the specific jurisdiction where approval is sought.

10.2 Code Compliance Research Reports shall not be used in any manner that implies an endorsement of the product by Intertek.

10.3 Reference to the <https://bpdirectory.intertek.com> is recommended to ascertain the current version and status of this report.





TABLE 1 – PROPERTIES EVALUATED

PROPERTY	APPLICABLE CODE SECTIONS ¹					
	2024 IBC	2021 IBC	2018 IBC	2015 IBC	2024 IRC	2021, 2018, 2015 IRC
Surface Burning Characteristics	2303.2				R302.15	R802.1.5
Moisture Content	2303.2.8	2303.2.7			R302.15.9	R802.1.5.9
Corrosion of Metal	2303.10.6		2303.10.5		R304.3	R317.3

¹Section numbers pertain to the most recent edition cited in Section 1.1 of this Report

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