APA PRODUCT REPORT

LP BURNGUARD™ FRT OSB — PR-N141
Louisiana-Pacific Corporation — December 22, 2025

Products: LP BurnGuard™ FRT OSB
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1. Basis of the product report:
   - 2024, 2021, 2018, and 2015 International Building Code (IBC): Section 2303.2 Fire-retardant-treated-wood
   - 2024 International Residential Code (IRC): Section R302.15 Fire-retardant-treated-wood, Section R802.1.5 of the 2021, 2018 and 2015 IRC
   - 2021 and 2015 ANSI/AWC Special Design Provisions for Wind and Seismic (SDPWS)
   - US DOC PS 2-18, Performance Standard for Wood Structural Panels
   - APA Panel Design Specification
   - APA Engineered Wood Construction Guide
   - APA Report T2023-P47, T2025-P40, and T2025-P41, qualification reports and other qualification data

2. Product description:
   LP BurnGuard™ FRT OSB is a fire-retardant-treated oriented strand board (OSB) made with strands of various species and strand classifications in accordance with the in-plant manufacturing standard approved by APA. The OSB is treated with a fire-retardant chemical directly blended with wood strands prior to pressing to provide coverage throughout the panel in accordance with Section 2303.2.3 of the 2024 IBC and Section 2303.2.2 of the 2021, 2018, and 2015 IBC and Section R302.15.2 of the 2024 IRC and Section R802.1.5.2 of the 2021, 2018, and 2015 IBC.

   LP BurnGuard™ FRT OSB consists of minimum 7/16 Performance Category, Exposure 1 APA Rated Sheathing complying with US DOC PS 2 and manufactured in accordance with the in-plant manufacturing standard approved by APA.

   The manufacturing processes and quality assurance of the LP BurnGuard™ FRT OSB is documented in the in-plant manufacturing standard approved by APA.

3. Panel performance properties:
   LP BurnGuard™ FRT OSB meets the performance requirements specified in US DOC PS 2, Form S350 (www.apawood.org/resource-library) for Exposure 1 panels. Table 1 lists the available Performance Categories and Span Ratings.

   LP BurnGuard™ FRT OSB meets the requirements for the wood structural panel (WSP) methods for braced wall construction in accordance with the IBC and IRC.

   LP BurnGuard™ FRT OSB shall be designed for diaphragms and shear walls in accordance with the IBC and ANSI/AWC Special Design Provisions for Wind and Seismic (SDPWS) as PS 2 Sheathing grade and the panel Performance Category as listed in Table 1.

   LP BurnGuard™ FRT OSB shall be designed for out-of-plane live load and wind pressure in accordance with the IBC and IRC for the Panel Grade and Span Rating listed in Table 1 for the appropriate Performance Category and end-use (roof, subfloor or wall sheathing).

Table 1. LP BurnGuard™ FRT OSB Panel Ratings

Performance Category	PS 2 Panel Grade	Span Rating		
		APA Trademark[a]	Roof	Wall & Subfllloor
7/16	Sheathing	Wall-24	Not Allowed	Wall-24, 24/16[b]
15/32	Sheathing	24/16	24/16	32/16[c]

[a] Span Rating stamped on the panels as part of the APA trademark.
[b] 7/16 LP BurnGuard™ FRT OSB meets the PS 2 requirements for the 24/16 Span Rating only when used as wall or subfloor sheathing.
[c] 15/32 LP BurnGuard™ FRT OSB meets the PS 2 requirements for the 32/16 Span Rating only when used as wall or subfloor sheathing.

LP BurnGuard™ FRT OSB has been evaluated for compliance with Section 2303.2 of the 2024 through 2015 IBC and Section R302.15 of the 2024 IRC and Section R802.1.5 of the 2021, 2018 and 2015 IRC for use as fire-retardant-treated wood structural panels. LP BurnGuard™ FRT OSB meets Class I (or A) flame spread index when tested in accordance with ASTM E84, *Standard Test Method for Surface Burning Characteristics of Building Materials*. It has a flame-spread index of 25 or less, when tested for an additional 20-minute period and has a maximum flame front progression not more than 10.5 ft. LP BurnGuard™ FRT OSB has a moisture content of 28% or less when evaluated with ASTM D3201, *Standard Test Method for Hygroscopic Properties of Fire-Retardant Wood and Wood-Based Products*, as specified in Section 2303.2.8 of the 2024 IBC and Section 2303.2.7 of the 2021, 2018 and 2015 IBC and Section R302.15.9 of the 2024 IRC and Section R802.1.5.9 of the 2021, 2018 and 2015 IRC for FRT wood structural panels for interior applications.

LP BurnGuard™ FRT OSB for use as roof sheathing has been evaluated to PS 2 after conditioning for 75 days at 170 °F and 50% relative humidity in accordance with ASTM D5516, *Standard Test Method for Evaluating the Flexural Properties of Fire-Retardant Treated Softwood Plywood Exposed to Elevated Temperatures*.

4. Product installation:
LP BurnGuard™ FRT OSB recognized in this report shall be installed in accordance with recommendations provided by the manufacturer (LP BurnGuard Installation Instructions).

5. Limitations:
   a) LP BurnGuard™ FRT OSB recognized in this report shall be used in a design span not exceeding the Span Rating shown in the trademark, except as shown in Table 1.
   b) LP BurnGuard™ FRT OSB is limited to dry service conditions where the average equilibrium moisture content of sawn lumber is less than 16%.
   c) LP BurnGuard™ FRT OSB is produced by LP at the Person County manufacturing facility in Roxboro, NC under a quality assurance program audited by APA.
   d) This report is subject to re-examination in one year.

6. Identification:
LP BurnGuard™ FRT OSB described in this report is identified by a label or stamp bearing the manufacturer's name and/or trademark (Louisiana-Pacific Corporation), the APA assigned plant number (456 for the Roxboro , NC plant), the product thickness and Span Rating, the APA logo, the report number PR-N141, and a means of identifying the date of manufacture.

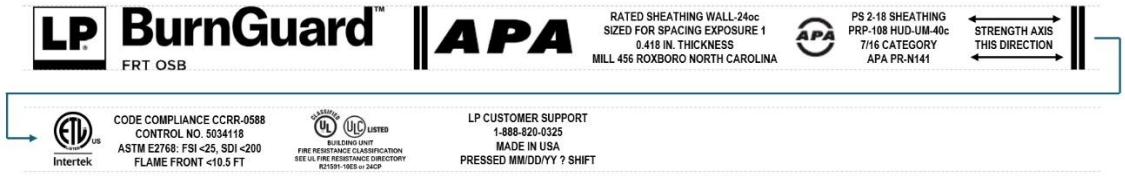

Figure 1. Typical LP BurnGuard™ FRT OSB mark

APA – The Engineered Wood Association is an approved national standards developer accredited by American National Standards Institute (ANSI). APA publishes ANSI standards and Voluntary Product Standards for wood structural panels and engineered wood products. APA is an accredited certification body under ISO/IEC 17065 by Standards Council of Canada (SCC), an accredited inspection agency under ISO/IEC 17020 by ANSI National Accreditation Board (ANAB), and an accredited testing organization under ISO/IEC 17025 by ANAB. APA is also an approved Product Certification Agency, Testing Laboratory, Quality Assurance Entity, Validation Entity, and Product Evaluation Entity by the State of Florida, and an approved testing laboratory by City of Los Angeles.

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