

# LP BURNGUARD™ FRT OSB WALL SHEATHING

## INSTALLATION INSTRUCTIONS

### GENERAL REQUIREMENTS

- LP BurnGuard™ FRT OSB is currently approved only for use as wall sheathing.
- LP BurnGuard panels are manufactured by directly blending the fire-retardant treatment with the wood strands, prior to pressing, to provide coverage throughout the panel in accordance with International Building Code (IBC) and the International Residential Code (IRC) for fire-retardant-treated wood by "Other means during manufacture."
- LP BurnGuard FRT OSB is currently available in 7/16 Performance Category, APA Rated Sheathing with a Wall-24oc span rating, and nominal 4 ft. by 8 ft. panels.
- LP BurnGuard FRT OSB is intended for use on exterior walls of Type III construction, nonbearing partitions and nonbearing exterior walls of Type I and II construction, and other nonbearing interior applications where FRT wood sheathing is permitted by code.

NOTE: LP BurnGuard FRT OSB is **NOT** "exterior" as defined in IBC, so **cannot** be used in applications exposed to the weather or otherwise exposed to damp or wet conditions, other than temporary exposure during construction.
- Prior to installation, ensure design compliance with all applicable state and local codes and other requirements, including, where applicable, those of your local building department.
- Install in accordance with all state and local codes, manufacturer's instructions, the current APA Engineered Wood Construction Guide (Form E30), and any other applicable requirements when installing LP BurnGuard wall sheathing.
- Refer to [LPCorp.com/Product-Literature](http://LPCorp.com/Product-Literature) for additional product information.
- Exercise safe practices at all times while handling the product. Wear gloves and protective eye/face equipment and clothing. Wear respiratory protection to avoid breathing or ingesting dust, mist or fumes. Wash hands thoroughly after handling. **DO NOT** eat, drink or smoke when using this product. Cut, saw or use this product in a well-ventilated space or outdoors. Dispose of this product responsibly. **DO NOT** burn this product.

### STORAGE AND HANDLING

- Store LP BurnGuard panels in clean, dry areas off the ground and well supported on a flat surface.
  - Keep a minimum of 3 in. clearance from the ground.
  - **DO NOT** stack higher than four units.
  - Space stacks a minimum of 6 in. on all sides.
- If possible, store indoors. If stored outside, LP BurnGuard panels must be kept covered prior to installation. If possible, keep the panels in the LP BurnGuard FRT OSB unit cover. Otherwise, cover with plastic sheets or tarps, and keep open and away from the sides and bottom of panels to allow for air circulation.
- Additional protective measures may be necessary during extended adverse weather conditions.

- Handle LP BurnGuard panels as you would other APA-certified LP® sheathing products. Be careful not to drop on corners or crush panel edges. Keep panels well-supported and neatly stacked to prevent warping.

- Inspect panels prior to installation. **DO NOT** use damaged panels unless undamaged portions can be salvaged for fill-in pieces.

### WALL DESIGN & INSTALLATION

- Design and install in accordance with APA Product Report® PR-N141, Intertek Code Compliance Research Report CCRR-0588, and any project specifications.
  - For use as braced wall panels and for shear wall design, LP BurnGuard FRT OSB is designed to the full capacity of 7/16 Performance Category APA Rated Sheathing, with no reduction.
  - For all other wall sheathing design considerations (including out-of-plane wind loads), LP BurnGuard FRT OSB is designed to the full capacity of 7/16 Performance Category APA Rated Sheathing equivalent to a 24/16 span rating, with no reduction. (Refer to APA Product Report PR-N141).
- LP BurnGuard FRT OSB panels used in a fire-resistance-rated assembly should be installed in accordance with the specified assembly.
- Panels may be installed vertically or horizontally.
- Provide 1/8-in. space between all panel ends and edges. Use a spacer tool (e.g., a 10d box nail) to ensure accurate and consistent spacing.
- In addition to the nailing requirements stated below, the fastener type, size and spacing must meet all code requirements to resist all applied loads, including lateral loads, out-of-plane loads and to support the weight of all attached materials.
- Traditional carbon-steel fasteners may be used in accordance with the IBC and IRC for "Fasteners for fire-retardant-treated wood used in interior applications." Galvanized (zinc-coated) and other corrosion-resistant fasteners are not required for use with LP BurnGuard FRT OSB but may be used as specified or required by local code.
- In the absence of specific code requirements or project specifications:
  - Use minimum 6d common nails.
  - Space nails 6 in. oc along supported panel ends and edges, and 12 in. oc at intermediate supports.
- Drive nails 3/8 in. from panel edges.
- Install nail heads flush with the panel surface.
- Larger nails or tighter nail spacing may be required by code or project specifications.
- Other fasteners may be used as approved by the building official or as specified by the designer of record.

**For a copy of the limited warranty or for installation and technical support visit:**  
**[LPCorp.com/BurnGuard](http://LPCorp.com/BurnGuard)**

Phone: 888-820-0325  
Email: [customer.support@lpcorp.com](mailto:customer.support@lpcorp.com)



**For product catalog & complete warranty details, visit [LPCorp.com](http://LPCorp.com)**

**⚠ WARNING:** Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection. For more information go to [www.P65Warnings.ca.gov/wood](http://www.P65Warnings.ca.gov/wood).

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