LP® FLAMEBLOCK® FIRE-RATED SHEATHING INSTALLATION INSTRUCTIONS

GENERAL REQUIREMENTS

- Comply with local safety regulations when installing roof, wall or sub-floor sheathing.

- Comply with the following manufacturer's instructions and the current APA® Engineered Wood Construction Guide (Form E30).

STORAGE AND HANDLING

- Store panels in clean, dry areas off the ground. If possible, store indoors. If stored outside, cover with plastic sheets, tarps or the LP® FlameBlock® Fire-Rated Sheathing unit cover. Keep cover open and away from the sides and bottom of panels to allow for air circulation.

- Handle LP FlameBlock panels as you would other APA-rated LP sheathing products. Be careful not to drop on corners or crush panel edges. Keep panels well-supported and neatly stacked to prevent warping. Use caution to avoid damage to the Pyrotite® surface.

- Additional protective measures may be necessary during extended adverse weather conditions.

ROOF INSTALLATION

- Install in accordance with ICC-ES Report ESR-1365 or as specified by the design professional. Place the Pyrotite® coated side, with the trademark stamps, facing down and wear skid-resistant shoes when installing the roof sheathing.

- Install with the long dimension or strength axis of the panel across supports and with the panel continuous over two or more spans.

- Provide 1/8 in. space at panel ends and edges. Use a spacer tool (i.e. 10d box nail) to ensure accurate and consistent spacing.

- Panel end-joints shall occur over framing. Stagger end-joints in each succeeding row.

- For panels in the 7/16 and 15/32 category, provide additional panel stiffness by installing panel edge clips mid-span on all unsupported edges.

- In lieu of project specifications:
  - Nail 6 in. o.c. along supported panel ends and edges and 12 in. o.c. at intermediate supports.
  - Use 8d common nails for panels up to 1 in. nominal thickness. Use 10d common or 8d deformed nails for panels up to 1-1/4 in. nominal thickness. See Table A for nominal panel thickness.

- Drive nails 3/8 in. from panel edges.

- Larger nails or tighter nail spacing may be required by code or approved construction documents.

- Other code-approved fasteners may be used.

- Install nail heads flush with the panel surface. For overdriven nails,

please refer to the LP FlameBlock Field Damage Repair Technical Data Sheet.

- Cover roof sheathing as soon as possible with roofing felt or shingle underlayment for protection against excessive moisture prior to roofing. If any edge swelling occurs prior to roof underlayment installation, the exposed wood substrate side of panels with raised joints should be sanded flat.

- Allow sheathing to adjust to humidity and moisture conditions before shingle installation.

- Remove wrinkles and flatten surface of shingle underlayment before installing shingles. High performance shingle underlayment is recommended for better results.

- Heavier weight and/or textured shingles are recommended to better mask imperfections in roofing assembly.

- When installed as roof deck with open eaves, the exposed underside of panels, as well as any exposed edges, must be coated with exterior-grade paint.

NOTE: Check with your local building department before deciding on an installation method.

WALL INSTALLATION

- LP FlameBlock Fire-Rated Sheathing panels should be installed in accordance with the specified fire-rated assembly. In the absence of a listed fire-rated assembly, panels should be installed vertically with the horizontal joints blocked.

- Consult approved construction plans to determine the proper orientation of the Pyrotite coating.

- Provide 1/8 in. space between panel ends and edges. Use a spacer tool (i.e. 10d box nail) to ensure accurate and consistent spacing.

- Install nail heads flush with the panel surface. For overdriven nails, please refer to the LP FlameBlock Field Damage Repair Technical Data Sheet.

- In the absence of project specifications:
  - Nail 6 in. o.c. along supported panel ends and edges and 12 in. o.c. at intermediate supports.
  - Use 6d common nails for panels up to 1/2 in. nominal thickness. Use 8d common nails for panels up to 1 in. nominal thickness. Use 10d common or 8d deformed nails for panels up to 1-1/4 in. nominal thickness. See Table A for nominal panel thickness.

- Drive nails 3/8 in. from panel edges.

- Larger nails or tighter nail spacing may be required by code or approved construction documents.

- Other code-approved fasteners may be used.

DEFEND YOUR BUILD®

LP FlameBlock®
FIRE-RATED SHEATHING

Table A: Nominal panel thickness for LP® FlameBlock® Fire-Rated Sheathing				
Bare OSB	Performance Category		Nominal Thickness (in.)	
	1-Side	2-Side	1-Side	2-Side
3/8	7/16	7/16*	0.44	0.50
7/16	15/32	15/32*	0.50	0.56
15/32	15/32	15/32	0.53	0.59
19/32	19/32	19/32	0.66	0.72
23/32	23/32	23/32	0.78	0.84
1-1/8	1-1/8	1-1/8	1.19	1.25

* Structural I Rated Sheathing (PER-06013)

For a copy of the limited warranty or for installation and technical support visit: LPCorp.com/FlameBlock

Phone: 888-820-0325

Email: customer.support@lpcorp.com

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For product catalog & complete warranty details, visit LPCorp.com

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