LP FLAMEBLOCK®
FIRE-RATED OSB SHEATHING

FREQUENTLY ASKED QUESTIONS

Is LP FlameBlock code compliant?

Yes. LP FlameBlock has been evaluated by ICC Evaluation Service according to approved acceptance criteria (AC-264) and is backed by ICC-ES Evaluation Report ESR-1365. ICC-ES is a subsidiary of the International Code Council, a preferred resource used by code officials to verify that building products comply with code requirements. ESR-1365 can be accessed on our website: www.lpcorp.com.

Is the performance of LP FlameBlock certified by APA-The Engineered Wood Association?

No. Due to historical evidence that chemical fire retardant treatments (FRTs) traditionally used in plywood can affect the strength characteristics of panels, and due to the proprietary nature of FRTs, APA does not currently allow its trademark to be applied to any panels with fire-resistant coatings or treatments. It is the responsibility of the company that coats or treats the panel to verify and provide information on panel performance. Therefore, LP FlameBlock does not carry APA trademarks. *Furthermore, buyers of fire-rated structural panels and building code officials should be aware that any APA trademarks found on FRT plywood or on other types of fire-rated OSB were valid only for the untreated panels, and APA does not consider them to be valid for the finished, fire-rated panels.*

Is LP FlameBlock as strong as OSB of the same thickness category?

Yes. Unlike FRT plywood, which is impregnated with chemicals that reduce panel strength and stiffness, LP FlameBlock is actually reinforced by the application of a thin layer of fiberglass embedded within a solid matrix of magnesium oxide cement. Not only does the product carry span ratings matching those of OSB panels of similar thickness, the allowable live loads exceed typical values in some cases (Please refer to the load-span tables or product specifications on our website www.lpcorp.com for more information).

Are the load, span, and Exposure 1 ratings verified by a 3rd party inspection agency?

Yes. Structural performance and Exposure 1 moisture resistance are tested and verified by Progressive Engineering, Inc, an ISO-certified, independent testing laboratory and quality inspection agency. LP FlameBlock panels carry the PEI stamp as verification of meeting the manufacturing requirements for the span ratings indicated. PEI's evaluation report, PER-06013, can be found on our website, www.lpcorp.com, or can be referenced at www.p-e-i.com.

What is the source of the Class A Flame Spread rating?

The Class A Flame Spread rating of LP FlameBlock has been verified according to ASTM E-84 test protocol by Intertek-Omega Point Laboratories, an ISO-certified, independent testing laboratory and quality inspection agency. The Intertek-Omega Point trademark

demonstrates compliance with the quality assurance procedures required to achieve this rating. The listing (1532-4) can be found in the Intertek-Omega Point Lab directory at www.opl.com.

How is LP FlameBlock different from other fire-rated OSB panels?

LP FlameBlock slows the spread of fire with a layer of magnesium oxide cement that contains water within its crystalline structure, firmly bonded to an LP OSB substrate. The cement material is inert and inorganic, and therefore also resists weather well during the construction phase. Other fire-rated OSB panels may be coated with intumescent paints that tend to be more susceptible to degradation by rain and high humidity.

Is the warranty valid if LP FlameBlock is exposed to rain during building construction?

Typically, yes. Unlike FRT plywood and other types of fire-rated OSB, LP FlameBlock meets Exposure 1 requirements, meaning that it is designed to withstand rain conditions on the jobsite during normal construction delays. Please refer to our 20-Year Limited Warranty at www.lpcorp.com for details.

Can I use plywood clips when installing LP FlameBlock on a roof deck?

Yes, as with our Rated Sheathing panels, we recommend using standard 15/32-inch plywood clips to increase the stiffness of unsupported joints in roof decks built with 15/32 Category LP FlameBlock panels. Clips may also be used on the unsupported edges of thicker FlameBlock panels, if desired. More information on installation can be found in our FlameBlock specifications at www.lpcorp.com.

Does LP FlameBlock require any special fasteners?

No. We recommend installing LP FlameBlock with suitable common nails or other code-approved fasteners. For more information on panel installation, please refer to our FlameBlock specifications at www.lpcorp.com.

Can LP FlameBlock help me earn points in Green Building Certification programs?

In many cases, yes. LP uses SFI-certified forest management and procurement systems, which help ensure that wood comes from well-managed forests. The magnesium oxide fire-resistant coating is non-toxic and landfill-safe. Furthermore, the combination of strength and fire resistance in the same panel often means lower material usage, which results in more efficient utilization of natural resources. For more information, see our FlameBlock Green Sheet at www.lpcorp.com.

What is the difference between LP FlameBlock and FlameDxx? Aren't they the same thing?

LP does not comment on the manufacture or quality of competitive products. We do know that FlameDxx is not

coated with the proprietary Pyrotite™ overlay. Please contact FlameDxx for information about their products.

Do any other fire treated OSB products carry an ICC Evaluation Report?

To our knowledge, Pyrotite™ coated OSB panels are the only ICC-approved fire-rated OSB panels on the market today.

What do you have to do with the joints? Do they need to be taped or can they be left alone? Is there a spacing required between panels at the joint?

FlameBlock is installed with the same joint spacing as OSB sheathing. Joints do not need to be taped. LP FlameBlock has passed all fire tests with standard joint spacing and no special handling or treatment at the joints. For detailed information on installation, please consult our Application Instructions on www.lpcorp.com.

What if the Pyrotite coating is damaged during installation?

The adhesion, resiliency, and fiberglass reinforcement of the Pyrotite coating makes it very resistant to impact and tear-out. If, however, small pieces are removed during installation, the affected area can be easily repaired with standard drywall joint compound. For larger repairs, Pyrotite laminate can be quickly shipped to a job site and mechanically fastened to a panel with nails or staples, in accordance ICC code report ESR1365.

I like the finish on FlameBlock — can I use it for interior purposes with the surface exposed?

The OSB substrate in FlameBlock will expand and contract slightly with changes in humidity. Therefore, joints between panels should be gapped 1/8-inch. The Pyrotite surface of standard FlameBlock panels is stamped to show certifications of fire and structural performance. The panel faces may exhibit variation in color and texture. LP FlameBlock may be painted with a good quality interior or exterior paint to achieve a more finished appearance.

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Cal. Prop 65 Warning: Use of this product may result in exposure to wood dust, known to the State of California to cause cancer.