



**Structural
Solutions**

PROVEN TO DEFEND YOUR BUILD[®]



PRODUCT GUIDE



Structural Solutions

PRODUCT GUIDE & SPECIFICATIONS



CONTENTS

02

WHY LP STRUCTURAL
SOLUTIONS

04

OSB

06

EXCEPTIONAL
STRENGTH

14

MOISTURE
RESISTANCE

20

RADIANT
BARRIER

26

FIRE
RESISTANCE

WHY LP STRUCTURAL SOLUTIONS?

BUILDING FOR A MORE RESILIENT FUTURE

With the world in a constant state of change, builders need building products that rise to every challenge. They need products that offer solutions, no matter what shot nature takes at their structures. At LP Structural Solutions, we are uniquely positioned to help builders meet those challenges head-on. As a leader in high-performance building solutions, we engineer innovative, resilient products with standing up to the elements in mind. You can count on LP Structural Solutions to design new solutions that help you Defend Your Build® in an ever-changing world.



For more information, visit [LPCorp.com/StructuralSolutions](https://www.lpcorp.com/StructuralSolutions)

THE PORTFOLIO APPROACH

The LP Structural Solutions product portfolio offers builders a solution for every need, from exceptional strength and moisture management to flame resistance and radiant barriers. Designed for durability and compatibility, our innovative suite of products helps you build to a stronger and tighter building envelope for greater resiliency. But we're not stopping. It's not enough for us to have the most advanced products today. We're always listening to your needs and developing solutions to tackle the tests of tomorrow.



OSB

STRUCTURAL SOLUTIONS STARTS WITH OSB INNOVATION

Oriented Strand Board (OSB) technology is the foundation for all of our solutions. With this technology embedded into our Structural Solutions products, we're providing products that allow you to build longer, straighter and stronger structures. Created from an economical and sustainable source, LP is constantly pushing what is possible and taking this technology to the next level. When it comes to defending your build, this is where it all begins.



DESIGNED TO GO A LONG WAY

LP® LongLength™ and LongLength™ XL OSB Sheathing panels are engineered to provide strength while reducing costs for builders who are looking for vertical installation in tall wall applications. With lengths up to 10 feet, LP LongLength sheathing requires fewer panels to get the job done. Plus, it helps builders to meet code in many wind and seismic zones in less time and with less hardware.

- Helps lower building costs
- Provides optimal wall construction
- Reduces waste and labor time
- May help meet code in wind and seismic zones
- 20-year transferable limited warranty

OUR ORIGINAL OSB

LP® OSB Sheathing is designed for consistent performance and stability. Our OSB is made with wood strands blended with thermal-set water-resistant adhesives, arranged in cross-directional layers, and formed under extreme pressure, creating a stiff, strong and durable panel.

- Installs consistently flat and stable
- Uniform, workable and strong
- Built to resist warping or splitting
- Wood sourced through programs certified under the Sustainable Forestry Initiative®
- 20-year transferable limited warranty



EXCEPTIONAL STRENGTH

People choose OSB for its workability and consistent strength. As the pioneers in this technology, we've continued to push what's possible. As the building industry keeps relying on stronger, stiffer and straighter products, LP keeps innovating. The result is a portfolio of products that go beyond what traditional OSB provides and gives you materials that provide exceptional strength at every point of the build.



PROVEN TO BE ONE OF THE STIFFEST SUB-FLOORS ON THE PLANET.

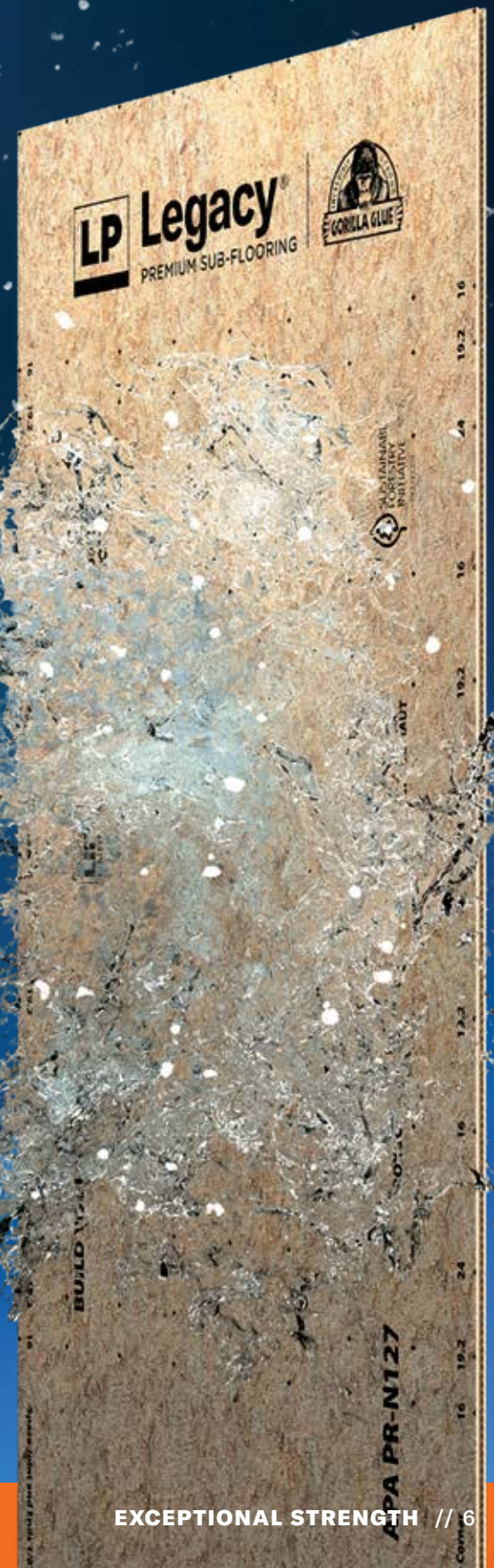
When it comes to the ultimate in strength and stiffness, LP Legacy® Premium Sub-Flooring stands at the top. Made with Gorilla Glue Technology®, we pack in more resin and wax in every strand and fiber. The result is a sub-flooring panel with exceptional stiffness and moisture resistance. It's also why we can offer an industry-leading Covered Until It's Covered® No-Sand Warranty.



EXCEPTIONAL
STRENGTH



MOISTURE
RESISTANCE





LP LEGACY® PREMIUM SUB-FLOORING

LP Legacy® Premium Sub-Flooring is designed to go above and beyond industry standards. APA-certified to have exceptional stiffness and strength, LP Legacy panels are one of the most durable panels designed for the toughest sub-floor applications.



Gorilla Glue Technology®: Wood strands are coated with water-resistant resins using Gorilla Glue Technology for exceptional stiffness and help provide resistance to moisture and edge swelling.

Covered Until It's Covered® Warranty: This industry-leading no-sand warranty is our way of showing just how confident we are in LP Legacy Premium Sub-Flooring. Plus, we offer a lifetime limited warranty that lasts as long as the home.



PRODUCT ACCESSORIES



LP Legacy® Premium Sub-Floor Adhesive

LP Legacy® Premium Sub-Floor Adhesive is an adhesive for wood sub-flooring that defends against squeaks by expanding to create a tight seal in small gaps between panels and supports.

- Squeak-free lifetime* limited warranty when used with LP Legacy® Premium Sub-Flooring assemblies
- Gun-applied, fast-curing PU collapsible foam adhesive

*For complete warranty details, visit LPCorp.com/warranties



LP Legacy® Sub-Floor Adhesive Applicator

Foam adhesive applicator comes in two sizes, 15 inches and 30 inches. The applicator is for both the adhesive as well as foam cleaner. The foam cleaner is used to clean the gun applicator after use.



LP Legacy® Polyurethane Foam Cleaner

LP Legacy Polyurethane Foam Cleaner helps prevent clogging when an adhesive can is removed without intention of immediately attaching a new can.

APA PR-1127

SPICE ENDS 1/8" +

2x6

19x2

LEGACY
ENDS

LP

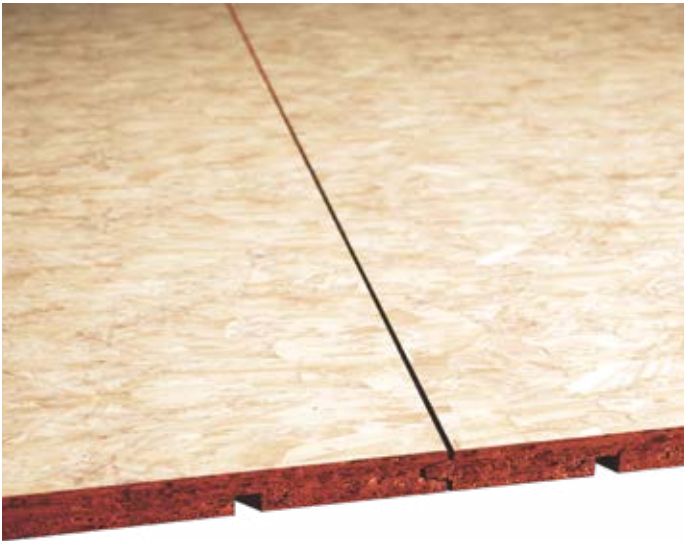
Legacy

PREMIUM SUB-FLOORING



LP® TOPNOTCH® 350 SUB-FLOORING

When you need a durable sub-flooring solution at a great value, LP® TopNotch® 350 Sub-Flooring is designed for optimum stability at an affordable price. Designed with our original RainChannel® notch system, water quickly drains from the surface for better moisture resistance. LP TopNotch 350 Sub-Flooring comes with a 200-day no-sand warranty.



- Unique RainChannel® notch system
- Strength, stiffness and moisture resistance at a great price
- Easy self-spacing tongue-and-groove design
- Moisture-resistant edge sealant
- 200-day no-sand warranty
- 50-year transferable limited warranty



OTHER PRODUCTS THAT PROVIDE EXCEPTIONAL STRENGTH

LP WEATHERLOGIC®



Designed for walls and roofs, LP WeatherLogic® Air & Water Barrier is Structural I Rated Sheathing, which means greater cross-panel strength and stiffness. Continue reading to learn more about LP WeatherLogic Air & Water Barrier in the Moisture Management section.

LP® FLAMEBLOCK®



LP® FlameBlock® Fire-Rated Sheathing is a building solution that offers strength, savings and easy installation—at an affordable price. Aside from providing burn-through resistance, these panels provide you more flexibility in designing wall openings, frames and bracing. Learn about LP FlameBlock Fire-Rated Sheathing in the Fire Resistance section.

MOISTURE RESISTANCE

One of the challenges builders are facing is finding material that can stand up to harsh environments. They need products that can withstand a barrage of moisture and wind while keeping its integrity. At LP we are constantly designing and improving products that answer builders' toughest challenges. It's why we're creating solutions that are designed to be simple to install while defending against whatever nature throws at it.



PROVEN TO SEAL OUT MOISTURE AND AIR.

With the water resistive barrier integrated on the panel, LP WeatherLogic® Air & Water Barrier is designed to stand up to the harsh elements. Working together as a protective system, it creates a tight envelope proven to create long-term efficiency. Since it's a Structural I OSB panel, it can be used for both wall and roof applications.



MOISTURE
RESISTANCE



EXCEPTIONAL
STRENGTH

LP WeatherLogic®
AIR & WATER BARRIER



LP WEATHERLOGIC® AIR & WATER BARRIER

LP WeatherLogic® Air & Water Barrier combines the strength of our OSB with an integrated water-resistive overlap. It defends your build from the elements and provides homeowners greater indoor comfort for years to come.



Protects from Water: Safeguard the home from water intrusion with a tighter envelope that allows moisture vapors to escape.

Rated Structural I Sheathing: Greater cross-panel strength and stiffness for enhanced structural capacity.

Great Warranty: 30-year limited warranty is one of the longest in the industry.



PRODUCT ACCESSORIES



LP WeatherLogic® Seam & Flashing Tape
Certified to AAMA 711, LP WeatherLogic Seam & Flashing Tape features one of today's highest quality adhesives.

*Seam & Flashing Tape is available in 3.75-inch and 6-inch widths. Squeegees included.



LP WeatherLogic® Water Screen
Add an extra layer of protection against moisture retention and mold growth. Offering increased ventilation, this product helps improve performance of housewrap or WRB sheathing.

OTHER PRODUCTS THAT PROVIDE MOISTURE RESISTANCE



LP LEGACY®
Made with Gorilla Glue Technology®, LP Legacy® Premium Sub-Flooring is a water-resistant sub-flooring that provides exceptional stiffness and strength.



RADIANT BARRIER

With global temperatures rising and homeowners facing increasing energy bills, builders are searching for ways to build more efficient homes. At LP, we have led the way in engineering solutions to make structures more comfortable by pushing back against radiant heat. The effect these products create is a cooler structure that may save homeowners money in the long run.



PROVEN TO BE THE #1 RADIANT BARRIER.

Installed on more than 2 million homes, LP® TechShield® Radiant Barrier is the number one brand of radiant barrier on the market. It's proven to block up to 97% of radiant heat in the panel from emitting into a home's attic, reducing attic temperatures by up to 30° F, while the patented VaporVents™ technology allows trapped moisture to escape.





LP® TECHSHIELD® RADIANT BARRIER

LP® TechShield® Radiant Barrier installs like regular sheathing, but it uses a durable aluminum overlay to block radiant heat from emitting into a home’s attic. This foil contributes to impressive energy efficiency and may lower energy costs.



Moisture Resistance: Patented VaporVents™ technology allows any trapped moisture to escape from the panels during and after installation.

Energy Efficiency: Helps block radiant heating from emitting into a home’s attic, reducing attic temperatures by up to 30° F.

Transferable Warranty: Get extra assurance with a 20-year transferable limited warranty.



FIRE RESISTANCE

Much of the world is seeing rising temperatures and dryer climates for longer periods of time. For builders this means following tighter and more demanding code requirements for fire-resistant construction. At LP, we've been developing solutions that meet and exceed these regulations. We've engineered solutions that remove time-consuming steps from assemblies, allowing you to Defend Your Build® with quicker installs as you meet code.



PROVEN TO SLOW DOWN THE SPREAD OF FLAMES.

When it comes to defending your build from fire, LP® FlameBlock® Fire-Rated Sheathing combines proven flame-spread and burn-through resistance in one panel. Designed for wall and roof deck applications, each panel is treated with LP's proprietary Pyrotite® treatment. Plus, it delivers exceptional strength and integrity to give you greater design flexibility on every build.



FIRE
RESISTANCE



EXCEPTIONAL
STRENGTH

LP FlameBlock®
FIRE-RATED SHEATHING



LP® FLAMEBLOCK® FIRE-RATED SHEATHING

LP® FlameBlock® Fire-Rated Sheathing is evaluated to meet code requirements for fire-resistant construction as a component of 1-hour and 2-hour wall assemblies and in roof deck applications.

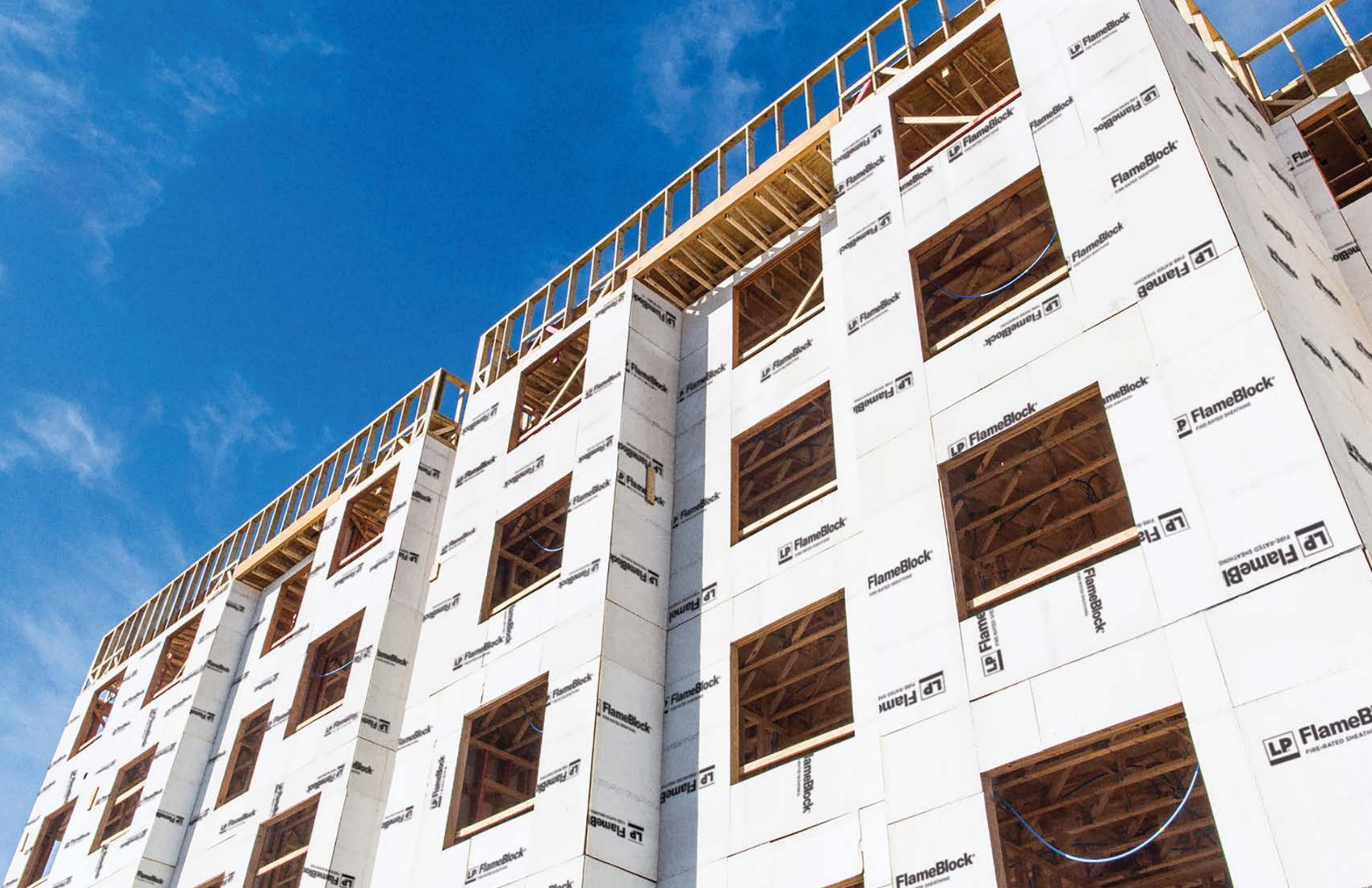


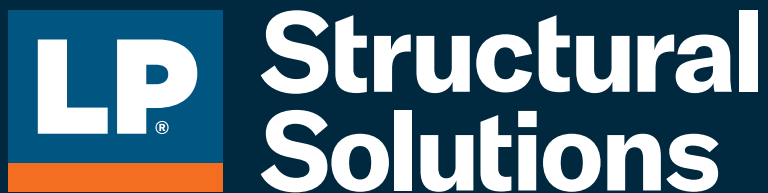
Innovative Design: Made with LP’s proprietary non-combustible, fireglass-reinforced Pyrotite® coating bonded to the board on one or both sides.

Design Freedom: Provides design flexibility by combining structural capacity and fire resistance in a single panel. It may eliminate a layer of gypsum to simplify and expedite the construction process.

Fire-Resistant: Evaluated by ICC-ES for fire-rated sheathing that combines flame-spread and burn-through resistance to meet fire codes.







See the ways LP is shaping how you build at

[LPCORP.COM/STRUCTURALSOLUTIONS](https://lpcorp.com/structuralsolutions)

Scan code to get the
details on each product

