

Residential Application of LP® TechShield® Radiant Barrier Sheathing and Other LP Products

Woodland Street Partners



LP Building Products Helps Woodland Street Partners Achieve Value and Sustainability

SUMMARY

Woodland Street Partners LLC is a development company in Nashville, Tennessee, dedicated to offering the best value in stylish homes with a focus on sustainability, according to Director of Sustainable Development Zachary Thomas. Since its inception in 2008, Thomas said the company has concentrated on creating homes with superior architectural design, advanced construction prices, and high quality finishes with superior value at every price point.

With a background in historic infill development of single-family homes, Woodland Street Partners has created plans for fifteen residential units in the Nouvell development, Thomas explained.

OBJECTIVES

Woodland Street Partners aimed to make Nouvell a community of affordable homes made with sustainable materials and features. "Most higher-end sustainable homes require greater expense than conventional construction. At Nouvell, you can buy a home from \$225,000," Thomas said.

IMPLEMENTATION

To meet its goal for high-value homes at an affordable price point, Woodland Street Partners needed cost-effective products with proven quality that aligned with the company's mission.

"The materials that go into our homes are carefully selected from sustainably managed sources everywhere possible. LP's range of products directly fulfill those needs," Thomas said. "LP utilizes sustainable practices in their wood fiber sourcing, which dovetails nicely with the sustainability of our developments."

"LP products are cost-effective, allowing us to pass along those savings to our homeowners, which means we can also offer better performance and more features. LP allows us to build with sustainability in mind."

*Zachary Thomas, Director of Sustainable Development
Woodland Street Partners*



In Brief

LOCATION

Nashville, Tennessee

PROJECT SUMMARY

With a background in historic infill development of single-family homes, Woodland Street Partners set out to create a community of high-value, single-family homes with sustainable materials at an affordable price point. Woodland Street Partners said they wanted the Nouvell development to reflect their company's commitment to superior design and limited environmental impact.

WEBSITE

www.woodlandstreetpartners.com

PROJECT OBJECTIVES

- Create homes from sustainable, cost-effective products
- Provide Nashville homeowners with high value and superior design

SOLUTION

Woodland Street Partners selected a range of LP products to build homes with a focus on environmental sustainability that the average single-family homebuyer can afford. With the help of LP® TechShield® Radiant Barrier Sheathing's ability to decrease the tonnage of a home's HVAC system and the strength and durability of LP® SolidStart® products and LP® TopNotch® Sub-Flooring, Nouvell is in line with Woodland Street Partner's commitment to its customers and the environment.



LP Building Products uses SFI® certified forest management and fiber sourcing systems to help ensure that the wood comes from well-managed forests. Additionally, the manufacturing process uses the entire log; all wood waste is repurposed or used to help fuel LP mills.

Because of previous experience with LP® TechShield® Radiant Barrier Sheathing, Woodland Street Partners went with a whole host of LP products for the Nouvell development, including LP® TechShield® Sheathing, LP® TopNotch® 350 Sub-Flooring, LP® SmartSide® Trim & Siding, LP® OSB Sheathing, and LP® SolidStart® LSL, I-Joists, and Rim Board. And they found that LP products don't just provide the sustainability Woodland Street Partners was looking for, they also stand out because of their quality.

"TechShield really caught our attention initially. We found it to be the best of the available radiant barriers out there. It allows us to reduce the heat load and energy consumption of our structures. And thanks to its venting, TechShield dries out faster than its competitors," Thomas said.

In addition to reducing energy consumption with the help of LP TechShield Sheathing, Woodland Street Partners has also benefited from the strength of LP SolidStart Engineered Wood Products.

"In the planning phases of Nouvell, the durability of SolidStart products allowed us to create structures with advanced framing techniques, reducing our consumption of old-growth lumber," Thomas said. "The I-Joists allowed us to span wide distances without excessive deflection, yielding a more open feel and lower labor costs."

Woodland Street Partners had used LP TechShield Sheathing and LP SolidStart Engineered Wood Products on past projects, but the Nouvell development was the company's first experience with LP SmartSide Siding and LP TopNotch Sub-Flooring.

"These products make things easy on my guys," Thomas said. "SmartSide doesn't seem to break like we've seen when we've used fiber cement, and when it rains on the job site TopNotch sheds water without us having to drill into the sub-floor."

OUTCOME

With the help of LP's family of products, Woodland Street Partners has been able to create fifteen home designs with sustainability in mind at an affordable price point.

"We've found LP's products to be cost-effective, allowing us to pass along those savings to our homeowners, which means we can also offer better performance and more features," Thomas said.



OSB | SmartSide® | SolidStart® | TopNotch®

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