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## **Bringing Wide-Open Spaces Indoors**

### *Specialty Roof Framing Materials Are Key*

The trend in residential construction is complicated rooflines, with multiple ridges and valleys – a look that adds character to new homes. In addition, many homebuyers are demanding large living and dining rooms, tall and wide foyers, and vaulted ceilings – all of which have required builders to adapt with new roof framing materials and practices.

For today's specialized roof framing needs, many builders have found the solution with the iLevel™ family of engineered materials and Performance-Tested™ Lumber. iLevel provides materials and design tools to help builders construct roofs that are easy to install, with components that offer consistent and reliable performance – features that can reduce time, labor and callbacks. ([www.iLevel.com](http://www.iLevel.com))

For medium-span roof sections, iLevel TimberStrand® LSL rafters are ideal. Consistently strong, straight and true, TimberStrand LSL is available in long lengths to help reduce labor and waste. The rafters come in 2"x8", 2"x10" and 2"x12" depths and are available in lengths up to 36 feet.

Builders facing the unique demands of long-span roofs often use iLevel Parallam® PSL engineered beams and columns, which are exceptionally strong, straight and long – up to 60 feet. Thick-section beams help eliminate field assembly and allow connections using common hardware – making installation quick and easy.

In other roof applications – including trusses and rafters – iLevel Performance-Tested™ Lumber provides builders with the structural integrity required in complex roofs – at a cost-effective

price. iLevel's rigorous grading and quality control process results in lumber with predictable strength and reliability and is available in multiple sizes and four wood species to help optimize performance – Southern Pine, Douglas Fir, Hem-Fir, and SPF.

Another roof framing product popular with designers and builders is the iLevel™ Trus Joist TJI® joist. The dimensional stability of TJI joists helps them resist warping, twisting and shrinking. The joists are lightweight and come in long lengths, which can help save on labor.

While beams, joists and other members are critical for a quality roof, the sheathing is equally important to ensure a structural system that is strong and will hold up over time. Structurwood® roof sheathing offers superior engineering that protects against buckling, cupping, warping and sagging. The panels are also available in a specialty RBS panel that reduces energy consumption by reflecting up to 97 percent of the sun's heat and radiant energy.

iLevel structural roof products are one part of a complete and integrated package of framing materials – from foundation to rooftop – which include trusted products and brands such as Trus Joist Parallam® parallel strand lumber (PSL), Trus Joist TimberStrand® laminated strand lumber (LSL), Structurwood® panels and Weyerhaeuser Premium Joists™. To learn more about the complete iLevel line of residential framing products, design software tools, technical support, and extensive distribution network throughout North America, visit [www.iLevel.com](http://www.iLevel.com) or call 1-888-iLevel8 to locate a dealer near you.

### **About iLevel™ by Weyerhaeuser**

iLevel is Weyerhaeuser's integrated residential framing business resulting in a seamless, unified solution for residential builders through dealers – offering a coordinated network of support for all structural framing materials. By combining Weyerhaeuser's high-quality products and services from well-known brands like Trus Joist and Structurwood, with its distribution and technology capabilities, iLevel efficiently supplies customers with all the necessary components for building the residential structural frame, and solving builder and customer needs around that frame.

## **About Weyerhaeuser**

Weyerhaeuser Company, one of the world's largest integrated forest products companies, was incorporated in 1900. In 2005, sales were \$22.6 billion. It has offices or operations in 18 countries, with customers worldwide. Weyerhaeuser is principally engaged in the growing and harvesting of timber; the manufacture, distribution and sale of forest products; and real estate construction, development and related activities. Additional information about Weyerhaeuser's businesses, products and practices is available at <http://www.weyerhaeuser.com>.

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