

# News Release



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## **iLevel® Premium Joists™ Help Builders Construct Solid, High-Performance Structural Frames**

While traditional lumber offers many benefits, including adaptability, ease of use and familiarity, today, builders can have stronger, more stable and more consistent structural framing lumber than ever before. iLevel offers a range of high-quality lumber products, including iLevel Premium Joists™. Premium Joists undergo mechanical testing, are visually graded using proprietary standards, and are dried and moisture-tested to meet criteria more stringent than industry requirements. [www.ilevel.com](http://www.ilevel.com)

The consistency and stability of Premium Joists help builders construct homes faster, with higher quality and less jobsite waste by reducing the need to cull through stacks of lumber or trim end defects. They are straight on all sides, allowing for quick and easy placement. In addition, the strength and stability of Premium Joists help provide homeowners with floors that feel and remain solid and have less vibration, noise or bulges.

A mechanical grading process evaluates Premium Joists for strength and stiffness. In addition to the mechanical tests, the joists are subjected to a detailed visual inspection based on a number of quality criteria, including assuring an adequate nailing edge. Individual piece moisture content is also controlled to ensure minimal in-service dimensional change and meet builders' performance expectations. The end result is a product that remains straight and dimensionally stable, with less bow, twist, and wane (rounded, barked edges).

It is the careful drying and moisture testing of Premium Joists that ensures high quality and consistency. Traditional lumber can shrink differently from one piece to the next, or even from one end to another of the same board, creating size differences that are difficult to build with and can lead to squeaks and bounce in floors. Whereas standard KD-19 (Kiln Dried to 19% moisture content) lumber can commonly shrink between 3/16" to 1/4", proprietary drying practices give iLevel Premium Joists a lower and more even moisture content so they typically shrink less than 1/8" in depth. This provides a more consistent product to build with and a more reliably solid floor system over the years.

Premium Joists are currently available in the central and eastern United States. Contact iLevel for availability in your market.

iLevel Premium Joists™ are one part of a complete and integrated package of innovative framing materials and services available from iLevel, including Parallam® PSL, TJI® joists, Structurwood® panels, MSR/MEL Performance Tested™ Lumber and design software tools such as iLevel Javelin®. To learn more about the complete iLevel line of residential framing products, software tools, technical support, and extensive distribution network throughout North America, visit [www.iLevel.com](http://www.iLevel.com) or call 1-888-iLevel8 (888-453-8358) 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 forest products companies, was incorporated in 1900. In 2006, sales were \$21.9 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 [www.weyerhaeuser.com](http://www.weyerhaeuser.com).

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