



## **Product Profile**

### **OPEN JOIST® Delivers exceptional performance and value**

Installing floor trusses is heavy, sometimes dangerous work for framers. With wooden I-Joists, determining sizes and locations of holes for mechanical services can be a difficult and often ignored task. OPEN JOIST, a revolutionary open-web, all wood floor truss from Universal Forest Products, eliminates these hassles.

OPEN JOIST takes advantage of the structural power of the triangle. Its open-web design reduces the dangers of drilling or cutting holes in the wrong place on a floor joist; something that can compromise the structural integrity of a floor system. OPEN JOIST reduces and limits floor vibration more effectively than solid joists, producing a strong, solid floor. The open-web design allows for fast, easy installation of mechanical systems such as plumbing, electrical and HVAC. These systems can be installed within the floor frame instead of below, eliminating dangling mechanicals and the need to dig deeper foundations.

OPEN JOIST is engineered for long spans and superior load carrying capabilities. A unique assembly process using finger joinery and waterproof structural adhesive produces a floor joist with the best strength-to-cost ratio in the engineered wood products industry. This strong finger joint connection allows OPEN JOIST to achieve long spans with less depth than other trusses.

OPEN JOIST is lightweight, easy to handle and installs much like dimensional lumber. No heavy, sharp-edged steel connector plates to snag electrical wires or cut hands are used. Simple gussets allow for cantilevers and point loads and only 1-1/2 inches of bearing is required. All this helps speed installation and build more efficiently, saving the builder valuable time and money.

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OPEN JOIST is available from stock and comes in 9-1/4", 11-7/8", 14" and 16" depths with trim-able ends to fit exact framing dimensions. On-foot incremental lengths and 11 inches of trim capacity allow for accurate, on-site adjustments while minimizing costs and job site waste.

Trusses are individually tested to more than twice their design load, ensuring that no defective trusses are shipped to a job site. OPEN JOIST is the only engineered building component to undergo individual testing before leaving the factory.

Universal Forest Products markets, manufactures and engineers wood and wood-alternative products for D-I-Y retail home centers, structural lumber products for the manufactured housing industry, engineered wood components for the site-built construction market and specialty wood packaging for various industries. The company also provides framing services for the site-built sector. In conjunction with its customers, Universal uses its engineering and manufacturing expertise, coupled with highly skilled employees, to design and construct buildings and housing. The company has approximately 10,000 employees who work in more than 100 locations. The company reported sales of nearly \$2.7 billion in 2005. For information about Universal Forest Products on the Internet, please visit the Company's Web site at [www.ufpi.com](http://www.ufpi.com) or call 1-800-598-9663. For more information about OPEN JOIST, visit [www.openjoist.com](http://www.openjoist.com) or call 800.584.5191.

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