

ECOSTRUCT LVL I-JOIST

VERSATILITY



EcoStruct LVL I-Joists excel in residential and light commercial construction, serving as essential components for floors and roofs. Available in a variety of sizes and lengths, these joists are crafted to meet specific project needs, offering a superior strength-to-weight ratio ideal for supporting heavy loads across expansive spans.

QUALITY



Our products are crafted in a 100,000 square foot facility using sustainable materials and eco-friendly practices. Our commitment to quality, sustainability, and customization sets us apart. ICC-ES certification ensures our engineered wood products meet strict building code requirements for construction use.

SUSTAINABILITY



The FSC (Forest Stewardship Council) certification guarantees our timber is sourced from responsibly managed forests meeting strict environmental, social, and economic standards. This ensures our wood products support biodiversity conservation and sustainable forestry practices. Choosing FSC-certified timber promotes responsible forest management and environmental stewardship.

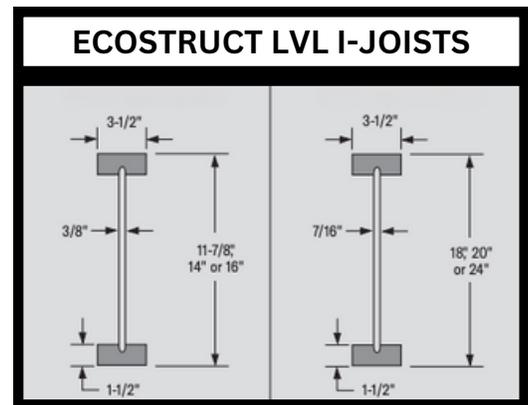
LVL I-JOIST



Experience the robust performance of Engineered Wood Products' LVL I-Joists, tailored for heavy-load spans and multi-span applications. Our LVL I-Joist utilizes precision-tested Larch and Spruce veneers and Strand Board, guaranteeing exceptional dimensional stability and uniformity, surpassing conventional lumber standards.

DESIGN PROPERTIES

| SERIES | DEPTH | WEIGHT (plf) |
|--------------------|---------|--------------|
| EcoStruct I-Joists | 11-7/8" | 3.9 |
| | 14" | 4.3 |
| | 16" | 4.6 |
| | 18" | 5 |
| | 20" | 5.6 |
| | 24" | 6 |



GENERAL INFORMATION

Handling and Storage Guidelines:

- Store bundles on level and supportive surfaces. Always handle and store I-joists in the upright position only.
- Avoid ground contact during storage. Must not be stored in contact with the ground.
- Use wrapped bundles with 2x4 stickers for support and air circulation.
- Shield from weather on job sites before and after installation; suitable for covered, dry conditions only. Additional tarping may be necessary for longer-term storage in wet environments.
- Avoid installing wet or visually damaged products.
- Apply water-repellent sealer to freshly cut ends of factory-sealed I-Joists to prevent moisture ingress.
- NEVER USE OR FIELD REPAIR A DAMAGED I-JOIST WITHOUT FIRST CONTACTING ENGINEERED WOOD PRODUCTS.

Installation Instructions

For comprehensive installation instructions on LVL I-Joists, including connections, notching, and hole locations, visit our technical documentation at www.ewpinc.co. For further details, feel free to reach out to us.

For Engineers, Designers, and Architects: For full specifications for your design project, our entire product line is available on the I-Struct library.