

# TRUS JOIST® PRODUCTS: THE INDUSTRY'S CHOICE FOR MULTI-FAMILY / LIGHT COMMERCIAL



**Townhomes ■ Condominiums ■ Hotels**  
**Assisted Living ■ Government Housing**



- National Dealer Network
- In-House Technical Services
- Value Design Review
- Floor Performance Review
- One Hour/One Layer Fire Assembly (560D joist)
- Comprehensive Installation Layouts
- Competitive Pricing
- Service and Dedication Unrivaled by Competitors

**TimberStrand® LSL ■ TJI® Joist**  
**Parallam® PSL ■ Microllam® LVL ■ Edge Gold™**

# MULTI-FAMILY / LIGHT COMMERCIAL PROJECTS USING TRUS JOIST PRODUCTS



Now, more than ever, top builders need solutions that really deliver. That's why Trus Joist TJI joists are designed to give you more—longer lengths, easier installation, higher span values, better strength-to-weight ratios, and faster cycle times. The only thing you'll get less of with TJI joists is callbacks.



## TJI JOISTS VS. PLATED TRUSSES

TJI JOISTS	PLATED TRUSSES
Field trimmable & lightweight (approximately 3 lb/ft)	Non-field trimmable and heavy (approximately 5-6 lb/ft)
Perimeter wrapped in TimberStrand LSL rim board, which allows solid nailing surfaces and high shear values. Also allows for 1-hour separation between units and corridors.	1x4 nailing strip required on perimeter to keep from racking – provides no shear transfer. Must use draft stop or extra gypsum to obtain 1-hour separation between units and corridors.
Do not require strongbacks	2x6 strongbacks recommended at 10' on-center to minimize vibration. Strongbacks are required to maintain some 1-hour fire assemblies.
Typically designed with shallow depth floor systems to reduce costs (not only in floor, but also in other building materials)	Typically designed with deep floor systems (16"+)
A fully sprinkled floor cavity is not required in 2002 NFPA 13 Section 8.14.1.2.6	A fully sprinkled floor cavity is required unless cavity is completely filled with noncombustible insulation
Sound Transmission Class (STC) and Impact Insulation Class (IIC) ratings of 50 are obtained with carpet and pad only	STC and IIC ratings of 50 require concrete overlay or a sound-deadening mat

Add it all up, and Trus Joist TJI joists are the clear choice. Especially when you factor in how well they integrate with the complete line of Trus Joist engineered wood products—including star performers like Parallam PSL beams and columns, and TimberStrand LSL beams and wall framing.

Weyerhaeuser delivers the structural framing products, services, and real-world solutions you need for any—and every—application. Learn more at [www.trusjoist.com](http://www.trusjoist.com), or call us at 1-888-453-8353.

