



TOLKO

True, trusted products and service

Tolko is a family-owned company differentiated by our service, people, and reliability. We are a strong wood products company with a solid reputation and over 60 years of experience.

Based in Vernon, British Columbia, we manufacture lumber, plywood, veneer, OSB, LSL, biomass power, co-products and a growing number of specialty wood products for world markets.

LSL - LAMINATED STRAND LUMBER PRODUCT OVERVIEW

Laminated Strand Lumber (LSL)

Engineering value for superior performance

Tolko's line of Laminated Strand Lumber (LSL) is manufactured from strands of fibre selected to create a solid, consistent, and uniform alternative to traditional structural and non-structural products such as lumber, plywood, OSB and LVL. There is no warp, no wane, and no rot.

T-TEC and Tolko LSL

Tolko's line of LSL includes T-TEC LSL and Tolko LSL Industrials. Each product is designed to meet evolving design requirements and the demanding expectations of builders and manufacturers.



T-TEC LSL is an E-rated alternative to traditional structural products. It is available in 1.35E and 1.55E.



Tolko LSL is a non-structural solution for industrial applications.

Green building standards

Tolko products earn the certified wood credit under these standards through our Sustainable Forest Management (SFM) certifications that fully qualify under the LEED standard via the LEED Alternative Compliance Path process.



**TRUE.
TRUSTED.
TOLKO.**

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BENEFITS OF LSL

REDUCE MATERIALS & ENHANCE DESIGN

The strength and consistency of Tolko's LSL products enable the builder to have larger spans and greater spacing which reduces materials and provides more design options for architects.

IMPROVE RECOVERY

With superior consistency the manufacturer can use every inch of the product without waste. There is no need to sort through the bundle for decent boards. Each piece of LSL is the same and lives up to the Tolko name.

REDUCE INSTALLATION TIME

With Tolko LSL there is no need to waste time working around defects and inconsistencies. Builders can be confident in every piece of LSL and focus on their workmanship.

BUILD QUIETER FLOORS & STRAIGHTER WALLS

LSL is more uniform than traditional lumber. The common irregularities in lumber can result in an uneven base causing squeaky floors and wavy walls. LSL is more uniform across every board and provides a solid, true foundation for the structure.

PROTECT AGAINST FUNGAL DECAY AND INSECTS

Tolko LSL has a significantly lower moisture content than lumber and is available with zinc borate protection. This protects the board from fungal decay and insect damage.

EARN GREEN BUILDING CREDITS

All Tolko products meet international Green Building standards, including LEED and Green Globes. Building with Tolko LSL products may qualify builders for green building incentives.



ZINC BORATE PROTECTION

When we produce LSL products we take the opportunity to improve the building blocks of wood by adding zinc borate to the mixture to protect the entire board from insects and fungal decay. There is no need to treat the product before installation or to reapply treatment after it's been cut to size.

MEETS THE IRC FIRE PROTECTION OF FLOORS REQUIREMENT

T-TEC LSL joists meet the *Fire Protection of Floors* requirements in the IRC and do not need to be coated or treated.

HIGH PERFORMANCE

Tolko's line of LSL is made for precision. It is engineered to meet specific design requirements such as E-Ratings and moisture content. We produce our LSL in our state of the art Athabasca mill with tight quality controls, precision manufacturing, and industry leading capabilities. With our optimized strand sizes and advanced mixture, T-TEC LSL consistently meets 1.35 and 1.55 E-Ratings giving builders confidence in the quality and performance of the product.

LSL is engineered for performance, consistency, and efficiency. By taking apart the fibre in strands and piecing it back together to optimize the structural properties, we are able to provide a superior product to suit needs and budgets of builders.

E-RATING

The E-Rating of engineered wood products identifies the modulus of elasticity (MOE) or the tendency of the product to deform along an axis when opposing forces are applied. A greater E-Rating means the product is more resistant to changing with force.

T-TEC LSL products are available in 1.35E and 1.55E to meet the needs of builders in any application.

The E-Rating is your guarantee that T-TEC has the strength to perform without fail or compromise.

Perfect edges. Straight and true all the way through.

No warp. No holes. No rot.

CREATING VALUE FROM THE STRANDS

Tolko LSL products are produced at our Athabasca mill in Slave Lake, Alberta. This industry-leading facility has the longest continuous press in North America, ensuring a steady stream of uniform engineered wood products.

The advanced technology and tight controls of the mill allow Tolko to create precise mixtures for consistent products.

Our Athabasca Mill is serviced by a combination of truck and rail providing Tolko with the flexibility to reach customers across Canada and the USA.

Contact us today to learn more.

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E-RATED 1.35E & 1.55E
Zinc Borate: Optional
Thickness: 3-1/2", 1-3/4", 1-1/2", 1-1/4"
Lengths: 8' to 24'

Thickness	Application	E-Rating
1-1/4"	Rim Board	1.35E
1-1/2"	Stud, Beam, Header, Joist, Rim Board, Sill Plate	1.35E & 1.55E
1-3/4"	Beam, Header, Joist, Rim Board	1.35E & 1.55E



Non-structural
Zinc Borate: Optional
Thickness: 7/8" up to 1-3/4"
Lengths: 8' to 24'

Common Applications

Upholstered Furniture	Concrete Edge Form
Packaging	RV Slide-outs
Doors and Windows	



Our free [Tolko Product Guide](#) app is available for download. Set yourself up for success by finding the best Tolko lumber, plywood, OSB, and EWP products for each application.