



T-TEC LSL WALL FRAMING AND STUDS

TOLKO TTEC
LSL WALL FRAMING

Intelligent design without compromise.

T-TEC LSL Wall Framing and Studs resist twist, warping, and shrinkage. This makes T-TEC LSL the ideal choice for framing areas that require perfectly straight walls such as kitchens, bathrooms, staircases, and tall walls. When you use T-TEC LSL you can be confident that your walls will be consistent and true. Large tiles and cabinets can be installed on T-TEC LSL framed walls without the worry of cracking or shimming that accompanies typical lumber.

BENEFITS OF T-TEC LSL WALL FRAMING AND STUDS

T-TEC LSL Wall Framing and Studs are preferred by builders because they are made from highly predictable and uniform engineered wood that is sawn to consistent sizes and resists warping and splitting.

- ✓ Uniform dimensions along the entire length of the structural member
- ✓ Consistent density and moisture content
- ✓ Available in PET lengths for quick framing
- ✓ Superior resistance to warping, twisting and shrinkage
- ✓ Long lengths to accommodate tall wall conditions
- ✓ Optional Zinc Borate protection
- ✓ APA mark, APA PR-L284 and ICC-ESR-2725
- ✓ Transferable 50-year warranty

APA
PRODUCT REPORT
PR-L284

ES ICC EVALUATION SERVICE
ICC ESR-2725



THE ENGINEERED DIFFERENCE

When we make T-TEC LSL, we process the trees into strands and piece them back together to optimize the structural properties and provide a superior product to meet the needs of builders. T-TEC LSL boards have been engineered and dried to a specific moisture content, so they do not inherit the natural twisting and warping of the original tree. T-TEC LSL products are engineered to be straighter, truer, and more consistent than sawn lumber.

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Specifications	
Thickness[1]	1-1/2”, 1-3/4”
Depths[1]	3-1/2”, 5-1/2”, 7-1/4”
Lengths[1]	8’, 9’, 10’, 92-5/8”, 104-5/8”, 116-5/8”
E-Rating	1.35 E
Zinc Borate Protection	Optional



ZINC BORATE PROTECTION

When we produce T-TEC LSL products we have the opportunity to add zinc borate to the mixture to protect the entire board from termites and fungal decay. T-TEC LSL is so evenly protected through out the entire board, there is no need to treat the product before installation or to reapply treatment after it’s been cut to size.



WARRANTY

Tolko T-TEC LSL products are backed by a limited 50-year warranty[2] against delamination and to meet Tolko’s published performance criteria for the lifetime of the structure.



E-RATING

The E-Rating of engineered wood products identifies the modulus of elasticity (MOE). A greater E-Rating means the product is more resistant to changing with force. The E-Rating is your guarantee that T-TEC LSL has the strength to perform without fail.

HOW T-TEC LSL IS MADE

Tolko’s T-TEC LSL is made up of 7 inch long strands of fibre bonded together in a parallel formation with a waterproof adhesive free of urea-formaldehyde for superior dimensional stability.

In our state-of-the-art Athabasca mill, moisture levels are closely monitored and controlled to produce a product with a moisture content similar to that of a residential home. These tight controls result in a product that is resistant to warping, twisting, shrinking and bowing after installation.



CONTINUOUS BENEFITS FROM A CONTINUOUS PRESS

To maintain consistency throughout each board, our T-TEC LSL is pressed in our 234 foot long continuous press. The accuracy of this press allows us to continuously produce boards with a consistent thickness without sanding which means the surface strands are not damaged and we maintain the integrity of the adhesive. This results in a more durable, water resistant board that stands up to the elements on the job-site.

CONSISTENT QUALITY

Each run of T-TEC LSL is inspected for strength properties, surface quality and dimensional precision to ensure every order is consistent and lives up to the Tolko name.

SUSTAINABLE FOREST MANAGEMENT

We manufacture our products from renewable, recyclable and biodegradable resources, and our practices are guided by our Forest Management Principles and Environmental Policy. We also adhere to globally-accepted Sustainable Forest Management (SFM) and Chain of Custody (CoC) standards.

EXEMPT FROM FORMALDEHYDE REGULATIONS ✓HUD ✓CARB NO ADDED UREA-FORMALDEHYDE RESINS

PEFC PEFC/26-31-51 Promoting Sustainable Forest Management

1. For promotional purposes, lengths and widths are nominal sizes; actual product dimensions comply with U.S. Weights and Measures requirements
2. See unique product warranties for specific details on warranty inclusions and limitations, and always follow the storage and installation instructions. Warranty details available at www.tolko.com.

TOLKO

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MADE IN CANADA
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