



BUILDING THE FUTURE

WHY BUILD WITH WOOD? IT'S THE SUSTAINABLE CHOICE.



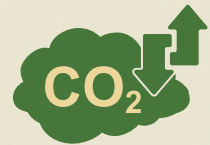
Wood is a natural, **RENEWABLE RESOURCE** and the only major **RENEWABLE BUILDING MATERIAL**.

Wood is durable, versatile, and workable. It is **LIGHT IN WEIGHT RELATIVE TO ITS STRENGTH**.



From harvest through construction, maintenance and end-of-life recycling/disposal, wood buildings **REQUIRE LESS ENERGY** than fossil fuel-intensive materials such as concrete and steel.

Wood stores carbon from the trees' growth in durable products. Choosing wood displaces and **REDUCES CARBON EMISSIONS FROM CARBON** intensive materials like concrete and steel.



MASS TIMBER IS REVOLUTIONIZING BUILDING DESIGN AND CONSTRUCTION.



Mass timber is a category of framing styles that use large solid wood panels for wall, floor, and roof construction. It also includes **INNOVATIVE FORMS OF STRUCTURAL COMPOSITE LUMBER**. It provides an alternative to concrete and steel in multi-story construction. Use of this product is detailed in building codes and free support for mass timber building design is available from woodworks.org.



Learn more:

buymontanawood.com | thinkwood.com
woodworks.org | awc.org

**LONG-LASTING STRUCTURAL PERFORMANCE
CLEAN DESIGN AESTHETIC
COST-EFFICIENT CONSTRUCTION
COST-COMPETITIVE WITH ALTERNATIVES**



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CROSS-LAMINATED TIMBER

CLT

Cross-laminated timber (CLT) is a type of mass timber that is rapidly gaining interest across the U.S. Europe has been using CLT since the 1990s in buildings of 7 to 18 stories. Taller towers are planned. London has 500 mass timber buildings. Bozeman, Montana has at least two: The Lark Hotel (2018) and the Bozeman Community Food Cooperative (2019).

Building with CLT is gaining popularity because of the advantages.



BETTER BUILDINGS

- Natural beauty and **HEALTH BENEFITS** of exposed wood in living or work surroundings
- Greater energy efficiency due to **INSULATING PROPERTIES** of wood
- **FIRE RESISTANCE:** CLT is designed to char slowly and maintain structural integrity
- Space is optimized; less 'hidden' or interstitial areas
- **SUSTAINABLE:** using wood offers the capacity to increase the rate of carbon sequestration in forests while replacing carbon intensive construction materials.



FASTER CONSTRUCTION; REDUCED COSTS

- Fabrication off-site to exact specifications
- Just-in-time job site delivery
- Speed and efficiency in construction
- Reduced labor costs and a shorter financing period
- Reduced foundation costs



T3 Minneapolis is a 7-story 224,000 square foot, nail-laminated timber, steel-clad office building. T3 was constructed in 2.5 months at an average of 9 days per floor (Mass Timber DLR Group).

"...part of the advantage of building in CLT is that the frame for each floor goes up simultaneously and from a single source of delivery, which ensures that the site is fully accessible and safe for use by follow-on trades on every floor below the one being built."

~London-based architect Anthony Thistleton