MASS TIMBER CONSTRUCTION

WHAT IS CROSS-LAMINATED TIMBER?

Cross-Laminated Timber (CLT) is a mass timber product. They are engineered wood panels produced with wood from sustainably harvested forests.

A CLT panel is typically 3 to 9 boards thick, laminated at high pressure to create a strong luxury building material.

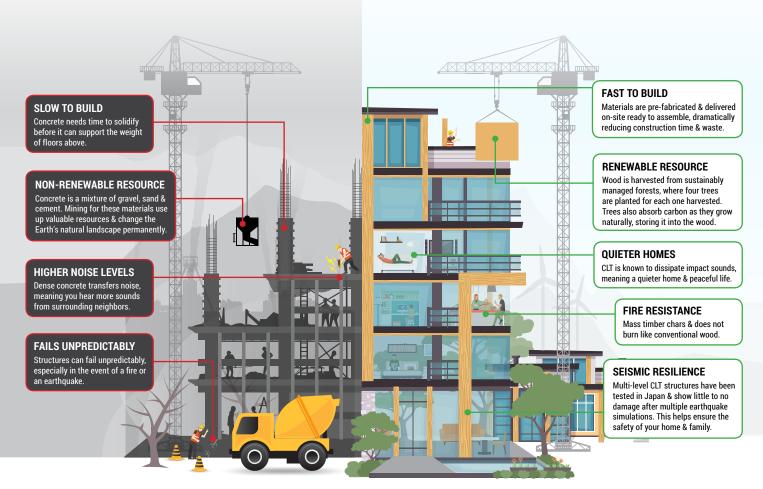
Wood is a renewable resource and Mass Timber Construction is a much more sustainable alternative to more traditional steel, concrete & masonry methods.

ENGINEERED WOOD PANELS 3 TO 9 LAYERS

TRANSVERSE PLANKS

LONGITUDINAL PLANKS

CONCRETE 18. MASS TIMBER



Cross-lamination provides excellent dimensional stability & strength performance at a very unique weight to strength ratio compared

to common structural methods

STRENGTH

The combination of Fire Resistance & Seismic Resilience provides home owners with an added sense of safety & security in unpredictable emergency situations.

Mass Timber is a sustainable resource with a much lower carbon footprint than steel and concrete. This has a positive effect on sustainability scores and overall well-being.

QUIET HOME™
Increased acoustic
performance means that
sound transferred between floors &
walls, both airborne & impact, will
be decreased substantially. Enjoy
vour new home in peace.

REDUCED BUILD TIME

Mass Timber structural systems consisting of Glulam & pre-fabricated CLT panels arrive on-site ready to assemble for fast & accurate building for improved time to market.

Adera is the largest Built Green builder in BC & has won multiple national & international awards, including the Platinum Georgie Award & 3 Grand SAMs, in addition to being the first Canadian recipient of a Gold Nugget Award.

Mass Timber products are the way of the future for multi-family residential construction. Adera's focus on innovation & technology is driven by our passion to offer the best value to our customers. We believe in raising the bar to deliver more sustainable homes to benefit the cities we live, work & play in.

Quiet Home[™], our innovative construction methodology which includes the use of Mass Timber technology, reduces sound transferrence beyond current building codes. This increased performance means that both airborne & impact sound transferred between floors & walls will be decreased, allowing you to peacefully enjoy your new Adera home.

From safety & sustainability, to sound performance & reduced construction time – Mass Timber will elevate multi-family residential construction standards to enrich the lives of home owners.

