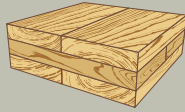


# WHAT IS MASS TIMBER?

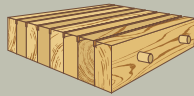
Mass timber uses state-of-the-art technology to glue, nail or dowel wood products together in layers. The results are large structural panels, posts and beams. These exceptionally strong and versatile products are known as mass timber.



CLT

## CROSS-LAMINATED TIMBER (CLT)

CLT is made by layering dimension lumber at 90 degree angles onto one another. Each layer is glued together to form structural panels with high dimensional stability.



DLT

## DOWEL-LAMINATED TIMBER (DLT)

DLT is created by stacking dimension lumber on its edge or cross-laminating, friction-fit together with hardwood dowels. DLT is the only all-wood mass timber product made without metal fasteners or adhesives.



GLULAM

## GLUE-LAMINATED TIMBER (GLULAM)

Glulam is composed of dimension lumber bonded together with durable, moisture-resistant adhesives. The grain of all laminations runs parallel with the length of the member.

## KEY ADVANTAGES

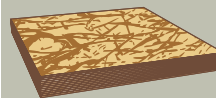
- **STRONG:** Mass timber can be used to supplement or replace steel or concrete as a structural solution
- **SUSTAINABLE:** B.C.'s forests are sustainably managed so we can rely on timber supply for generations
- **SAFE:** Mass timber building systems are proven to meet or exceed code requirements



NLT

## NAIL-LAMINATED TIMBER (NLT)

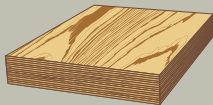
NLT is created by stacking dimension lumber on its edge and fastening it together with nails or screws. It can be site built or fabricated in panels off-site.



LSL

## LAMINATED STRAND LUMBER (LSL)

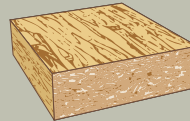
To make LSL, thin strands of wood are aligned parallel to the length of the member and glued together.



LVL

## LAMINATED VENEER LUMBER (LVL)

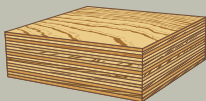
LVL is made of veneers glued together so that the grain of each veneer is parallel to the length.



PSL

## PARALLEL STRAND LUMBER (PSL)

PSL is manufactured from veneers that are clipped into long strands, laid in a parallel formation, and then bonded together with an adhesive. The difference between PSL and LSL is the higher length-to-thickness ratio of the strands in PSL.



MPP

## MASS PLYWOOD PANEL (MPP)

MPP consists of several layers of wood veneer glued and pressed together, creating large wood platforms, beams and columns.



Information adapted from:  
APA –  
The Engineered  
Wood Association