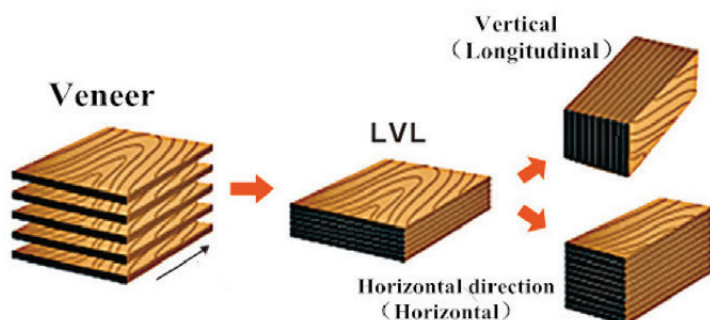


Laminated Veneer Lumber (LVL)

Laminated Veneer Lumber is an assembly of veneers laminated with adhesive, in which most of the veneer grains direction is in the longitudinal direction.

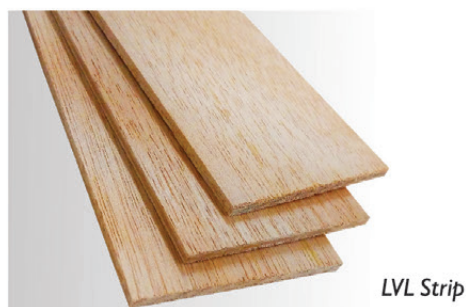


Applications

- ☒ Frame and truss application
- ☒ As lintels and beams
- ☒ Ideal alternative to solid lumber when used for highload applications such as headers, beams, rails, rimboards and edge-forming material
- ☒ Door component
- ☒ Cabinet components
- ☒ Furniture industry
- ☒ Structural framing for residential and commercial construction
- ☒ Pitched rafters
- ☒ Floors Joists
- ☒ LVL Strip

Advantages

- ✓ The numerous veneers result in LVL being a very stable product with excellent bending resistance and mean that the natural defects of solid section timber. eg: twisting, bowing & splitting are minimized
- ✓ Stronger, straighter and more uniform than solid timber, less prone to shrinking or warping, can support heavier loads and span longer distances than normal timber
- ✓ Cost effective and sustainable building material, delivering high structural reliability and strength



Product Name: **SY e-lumber**

Property	Common Specification	Applicable Standards
Thickness	3.6mm - 80mm	
Sheet Size	Width: 25mm - 1250mm, Length: Up to 12m	
Glue Type	Phenol Formaldehyde Resin (PF) / Melamine Urea Formaldehyde Resin (MUF) / Urea Formaldehyde Resin (UF)	
Wood Material	Hardwood Species / Planted Tree Material / PEFC Certified Material	
Formaldehyde Level	F★★★★ / F★★★ Super E0 / E0 / E1	JAS for LVL AS/NZS 4357
Density	High Density: 750-850kg/m ³ Medium Density: 500-600kg/m ³	
Surface Grades	G1 / G2 / G3	JAS for LVL
Resistance to Water	Type 2 Type A Bond WBP / T1MR / T2MR	JAS for LVL AS/NZS 4357
Bending Strength	Design based on request	
Preservative Treatment (Glue Line / Pressure Treatment)	1. Cyphenothrin Treatment 2. Cypermethrin Treatment 3. Bifenthrin Treatment 4. ACQ Treatment (Alkaline Copper Quaternary)	

*Relevant and appropriate products requirement is available upon request