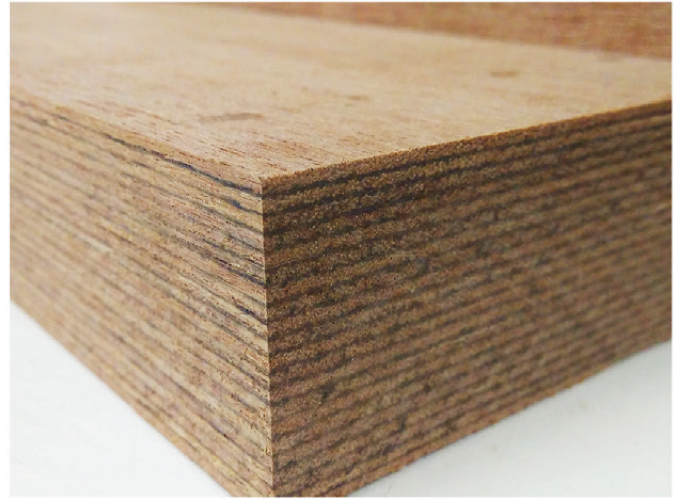




Structural Laminated Veneer Lumber

Structural Laminated Veneer Lumber (LVL) (or Structural Laminated Veneer Board, LVB) is used in structural applications to carry heavy loads. It is produced by binding thin wood veneers together in which most of the grain of veneer is parallel to the long direction and a small number of veneers laid perpendicularly (cross banded).



Applications

- Headers
- Beams
- Columns
- Hip
- Valley rafters
- Scaffold planking
- Flange material for prefabricated wood I-joists
- Windows
- Doors frame panel and scantling
- Furniture structural panel
- Packaging

Advantages

- ✓ High strength-to-weight ratio - stronger than solid sawn products
- ✓ High design values for bending, stiffness and shear strength
- ✓ Resists shrinking, warping, splitting and checking
- ✓ Straighter, stronger and more uniform as compared to milled lumber
- ✓ No defects to cut out and less waste on the job
- ✓ Available in length far beyond conventional lumber length
- ✓ Ordinary nail assembly - install as easy as ordinary lumber

Product Name: **SY e-lumber**

Property	Common Specification	Applicable Standards
Thickness	35mm / 45mm / 50mm / 65mm / 80mm	
Sheet Size	Width: Up to 1200mm, Length: Up to 12m	
Glue Type	Phenol Formaldehyde Resin (PF)	
Wood Material	All Keruing / Mixed Light Hardwood / Mixed Heavy Hardwood	
Formaldehyde Level	Super E0 / JAS F★★★★	
Resistance to Water	Type A Bond WBP	AS/NZS 4357
Stress Grades	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