



LVL by Stora Enso Multiple glued LVL G

Unique offering with high capacity wall elements and big dimension beams & post products

Stora Enso LVL G is produced by multiple gluing LVL S or LVL X panels that together creates big dimension panels.

- **High dimensional accuracy** leading on components leading to less waste on construction site
- **Controlled 10% moisture content** in elements meaning no creep, no cracks nor deformation. The interior work can start immediately after installation and reduces waiting time on the construction site.
- **5 x lighter vs concrete** with similar strength properties meaning less transportation to building site and easier lifting.
- High performance under fire – controllable and predictable charring.

Recommended usage in load bearing building components

On wall elements (reference project [Joensuu Light House](#)) – patented innovation

- High load bearing capacity wall elements – massive wood prefabricated alternative to concrete elements.
- Effective material usage – can save up to 30% in structural wall thickness delivering more sellable m2 for customer.
- Easy to process in off-site facilities and on-site if needed.

On post and beam products (reference case [WoodCity office](#))

- High load bearing capacity – massive wood prefabricated alternative to concrete structures.
- Effective material usage.
- Easy to process in off-site facilities and on-site if needed.

Unique offering with big size building components

Thickness up to 350mm
Width up to 3200mm
Length up to 19.9m

Material is PEFC certified
– FSC available upon request.

Product range

LVL G L-type

- LVL G LS and LVL G LX for post & beams structures
- LVL G LX massive panels for horizontal use in flooring or roofing applications

Available size

- Thickness: 84–350mm
- Widths: 100–2400mm
- Lengths: 6.0–19.9m (with 100mm increments)

LVL G C-type

- LVL G CX high capacity wall elements

Available size

- Thickness: 75–350mm
- Widths: 2.55m, 2.80m, 3.00m and 3.15m
- Lengths: 6.0 – 19.6m (with 605mm increments)