



New European LVL Handbook published

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The new European LVL handbook is the first comprehensive summary of the properties and end uses of LVL products. It has been compiled and published by the woodworking industry. The handbook is an extensive source of information for designers, engineers and builders.

Laminated Veneer Lumber's (LVL) glued veneer structure makes it an efficient material for construction. The product is used for beams, plates, studs, panels and elements: from new buildings to renovations and further industrial applications.

"LVL is one of the core materials for load-bearing wood constructions. However, this far there has not been joint technical guidance for the application of LVL. This handbook fills in this gap", says CEO Matti Mikkola from the Federation of the Finnish Woodworking Industries, an organization that is responsible for publishing the handbook. The companies Stora Enso Wood Products, Metsä Wood and Raute Oyj have been contributing from the industry side.

"We all wanted to give a solid base for responsible and sustainable wood construction together. The handbook provides all necessary facts and also enables LVL's comparability with other building materials. It also clarifies the design of wood-based buildings," say Henrik Söderström, SVP Supply Chain Management Forest Wood and Janne Pynnönen, Head of LVL Business Line at Stora Enso Wood Products unisono.

The LVL handbook was published on September 26, 2019, in connection to the Forum Wood Building Nordic conference in Helsinki. The LVL handbook is available on the website <https://puutuoteteollisuus.fi/faktoja-ja-ohjeita/lvl-handbook>

Earlier this week, the Federation of the Finnish Woodworking Industries and the German "Studiengemeinschaft Holzleimbau" published – on behalf of the LVL producers – a joint technical bulletin that specifies the strength classes, tolerances and additional design provisions for LVL. The calculations in the LVL Handbook are based on this bulletin. It is available on the site mentioned above.

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About Stora Enso

Part of the bioeconomy, Stora Enso is a leading global provider of renewable solutions in packaging, biomaterials, wooden constructions and paper. We believe the future is wood-based and renewable. Stora Enso shares are traded on Nasdaq Helsinki Oy (STEAV, STERV) and Nasdaq Stockholm AB (STE A, STE R). www.storaenso.com

The Wood Products division is a leading supplier of innovative wood-based solutions. Our product range covers all areas of urban construction and encompasses, among other things, solid wood elements and wood components. This is completed by a series of sawn timber products and pellets for sustainable heat generation. A growing portfolio of biocomposites offers the opportunity to replace plastics in consumer goods, thus generating new potential for sophisticated and cost-efficient external applications.