

FOR IMMEDIATE RELEASE

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Announcing the official brand launch of DowelLam.

Today, StructureCraft announces the official launch of a new brand, DowelLam. In 2017, the company brought the Dowel Laminated Timber (DLT) panel to the North American market with the world's largest automated DLT manufacturing line. Since then, StructureCraft has delivered over 100 projects across nearly every typology, including significant buildings for Microsoft, Princeton University, and Hines.

In 2025, as demand for DLT continues to grow, StructureCraft has formed the DowelLam division to solely focus on designing, manufacturing and delivering DLT products to a growing range of clientele across North America.

About DowelLam; the first all-wood mass timber panel.

DowelLam is a global leader in mass timber manufacturing, recognized for delivering Dowel Laminated Timber (DLT) panels to significant projects throughout North America. Since 2017, their team has built over 3 million square feet (over 300,000 square meters) of DLT, including a proprietary profile, Acoustic DLT, across every project type, including educational, office, institutional, public and residential buildings. By merging traditional doweling with cutting-edge machinery and automation, DowelLam delivers mass timber panels that are free of metal and adhesives between laminations.

DLT, as the first all-wood mass timber panel, uses hardwood dowels (rather than glue or nails) to bond the edgewise softwood dimensional lumber strands together, resulting in structural panels ideal for floors, roofs, and walls. DowelLam offers unique advantages to owners and designers, including structural efficiency, sustainability, architectural quality, and economy.

Groundbreaking innovation in an acoustic panel.

DowelLam is the only large-scale North American supplier of Acoustic DLT (ADLT), a high-performance panel which integrates a built-in acoustically absorptive membrane into the

underside of the DLT, allowing the mass timber to remain exposed while meeting both structural and noise reduction demands.

The Largest DLT facility in the world.

DowelLam's state-of-the-art Abbotsford facility is a 50,000-square-foot manufacturing hub designed to produce DLT, the largest such facility in the world. The plant houses advanced equipment and automation, enabling the efficient production of panels over 60 feet long, with precise control over panel dimensions and dowel placement to meet structural and architectural requirements. The production process integrates computer-based technology with sustainable practices to produce minimum waste.

From lumber grading, visual optimization and finger-jointing to moulding, pressing, CNC milling, and coatings, the entire facility is optimized for quality and efficiency. Panels are customized with profiles for aesthetic or acoustic purposes and can be reinforced with structural sheathing or screw systems for enhanced performance. Automated notching and coating ensure panels are ready for site installation, while engineers review dowel placement and panel configurations to meet project-specific demands.

StructureCraft's role in the market

StructureCraft is an award-winning group of creative structural consulting engineers and specialized builders, having realized over 350 efficient and beautiful structures across the world since 1998. With the introduction of DowelLam, StructureCraft renews a focus on their core purpose: "to engineer and build beautiful and efficient structures that people love to own and use."

Start a conversation and stay connected.

DowelLam is thrilled to introduce its newly established website, highlighting a selection of innovative built projects, DLT profiles, and our updated DLT Design Guide (2025). Follow its social media channels for the most up-to-date news, insights, and exciting announcements from DowelLam.



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