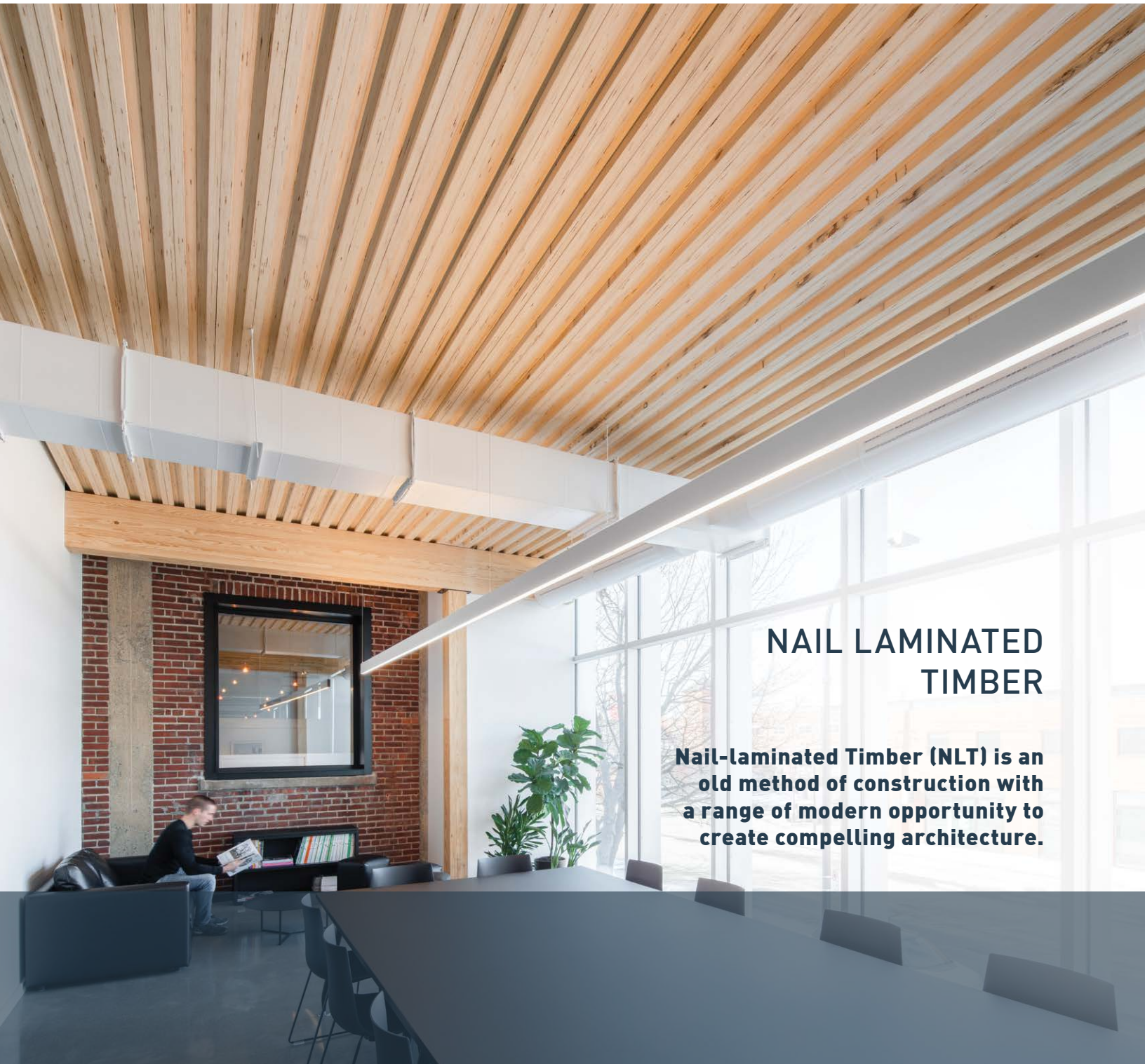


NAIL LAMINATED TIMBER



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Nail-laminated Timber (NLT) is an old method of construction with a range of modern opportunity to create compelling architecture.

NAIL LAMINATED TIMBER

INGENIOUS WOOD

WE DESIGN, MANUFACTURE,
AND INSTALL MASS TIMBER
AND HYBRID STRUCTURES.

INTELLIGENT BUILDINGS

WE WORK SEAMLESSLY
WITH INDUSTRY PROFESSIONALS
TO DELIVER TOP QUALITY BUILDINGS.

Part of the family of mass timber panel products, Nail-laminated Timber (NLT) is mechanically laminated to create a solid structural element.

Typically used as floors and roofs, panels can also be used for walls, elevator shafts, and stair shafts. With a wide variety of species available, wood presents an incredible range of aesthetic options.



CHARACTERISTICS AND BENEFITS

- Dimensional lumber, nail-laminated
- Long span for floors and roofs
- Factory installed membrane
- Components are built and assembled in a factory environment thus bringing savings on-site and reducing risks
- Quick and easy assembly in any climate
- Easy to modify on-site

NLT WITH CONCRETE COMPOSITE:

- Increased structural efficiency by creating composite action between NLT and concrete.
- Enables designers to reduce cross sections, increase spans, and streamline structures in pursuit of sustainable architecture



CUSTOM-MADE PRODUCTS

- Various lumber sizes (2x4, 2x6, 2x8, 2x10, or 2x12) and profiles
- Choice of different species
- Acoustical profiles available



Ribbed



Grooved



Smooth



Alternating Staggered Depth Cross-Section



Alternating Staggered Depth Cross-Section



Angular



BUILDING DIFFERENTLY

Structure Fusion specializes in the design, manufacture, and installation of mass timber and hybrid structures.

Whether for commercial, industrial, institutional, our team of experts will provide you with premium construction solutions and innovations adapted to your project and needs.

STRUCTURE FUSION
INTELLIGENT WOOD CONSTRUCTION

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