

# NORDIC

Mass Timber Modules

## CLASSROOMS



NORDIC  
STRUCTURES



Mass Timber Modules

# SOLUTIONS SUITED TO YOUR NEEDS

Affordable, durable, and quick to install, mass timber classrooms are turnkey solutions that allow schools to meet urgent infrastructure needs. Our structures help administrators contend with student surpluses and provide much-needed space during school renovation and construction projects.

Nordic's high-performance classrooms stand out from the pack thanks to a contemporary design, ample natural light, and the warmth of wood. A high-quality built environment and the presence of wood stimulate learning, promote well-being and foster academic success.



## Mass Timber Modules

# ADVANTAGES



### Speed

The prefabrication of modular structures greatly reduces erection time, lowering investment costs, improving overall efficiency and allowing the spaces to be used sooner. Mobility and quick installation are integral components of the solution.

### Durability

At once timeless and contemporary, mass timber is the optimal building material. Natural and durable, it is the product of the future with centuries of proven performance. Our structures' mass timber composition provides resistance against repeated handling and transportation.

### Simplicity

The modular classrooms are available in the form of turnkey projects. The design of single or multi-classroom complexes can easily be adapted to an institution's specific needs, requirements and constraints.

### Biophilia

Nordic's classrooms showcase the beauty of wood, creating a welcoming environment that enhances the learning experience. In addition to its calming aesthetic, mass timber provides improved acoustic and thermal comfort.

### Sustainability

Wood is the only renewable structural material. It sequesters carbon and serves as a natural insulator for improved energy efficiency. Nordic builds with FSC-certified products which ensures sustainably managed forest resources. Every detail of our structures is designed to facilitate installation and minimize waste.

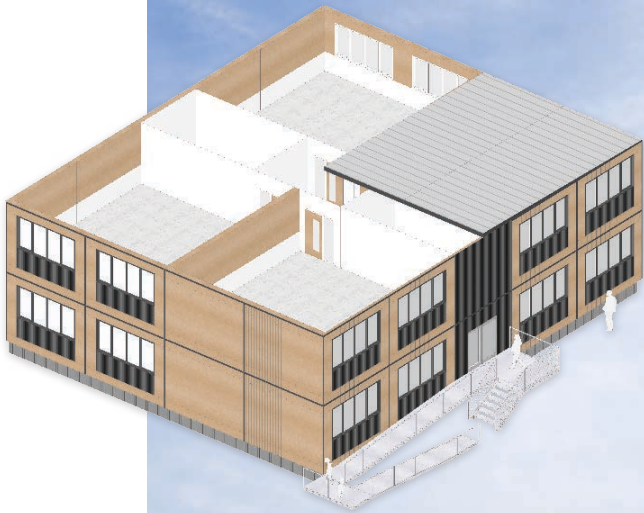
### Performance

Mass timber's strength provides exceptional structural performance and enhanced value. Its resilience and intrinsic fire resistance make it an exceptionally reliable building material.



Mass Timber Modules

# CONCEPT





## Characteristics – Standard models:

- 675 to 775 sq. ft. classroom (custom dimensions available)
- Independent or interior entranceway
- Universal washroom (option)
- Cloakroom area (option)
- Large windows
- Lighting to specification
- Floor to specification
- Wood and/or gypsum walls
- Visible wood ceiling
- Wall-mounted ventilation / air conditioning unit (option)

## Architectural features

Customizable upon request.

Distinctive architectural elements:

- Exterior wood cladding
- Colour aluminum signage elements
- Large windows with black aluminium frames
- Black aluminium entrance door and sidelite frames
- Galvanized steel ramp and stairway





For small classroom complexes  
with minimal traffic between rooms

**Typical Dimensions**

WITHOUT CORRIDOR

**A1** 26×32

**A2** 30×32

WITH CORRIDOR

**B1** 26×26

**B2** 30×26

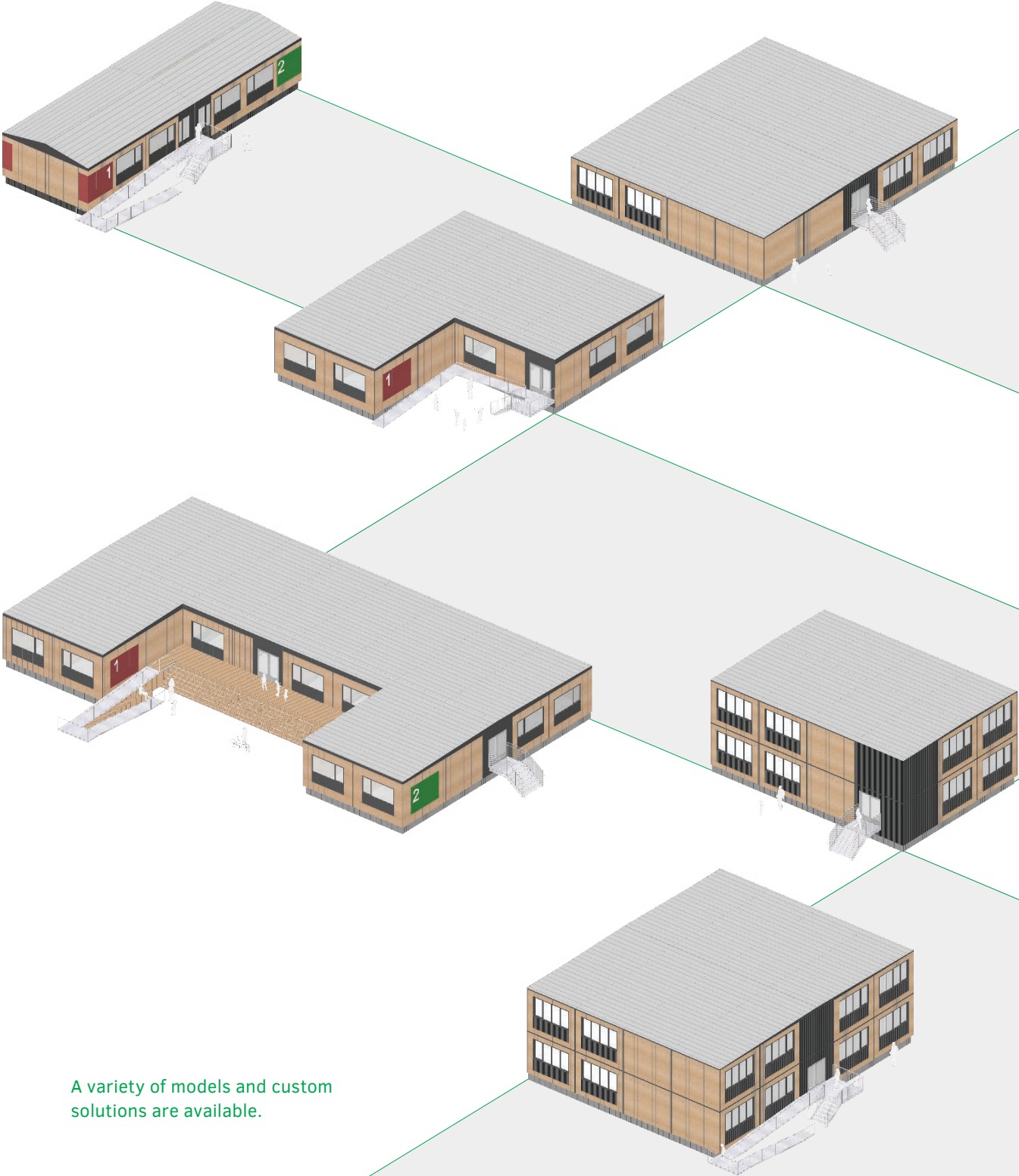


For larger classroom complexes and complexes  
with traffic between rooms



Mass Timber Modules

# CLASSROOMS



A variety of models and custom solutions are available.

Mass Timber Modules

# OUR CLASSROOMS





Riverside  
Elementary School  
ARVIDA, QUÉBEC













Cité-des-Jeunes School,  
Lionel-Groulx Pavilion  
VAUDREUIL, QUÉBEC





Soulanges High School  
SAINT-POLYCARPE, QUÉBEC



Chêne-Bleu High School  
PINCOURT, QUÉBEC





## Mass Timber Products



GLULAM



NORDIC LAM+  
GLUED-LAMINATED TIMBER

Nordic Lam+ glued-laminated timber of architectural appearance classification consists of small wood laminations bonded together in parallel using structural adhesives.



CLT



NORDIC X-LAM  
CROSS-LAMINATED TIMBER

Nordic X-Lam cross-laminated timber is made of at least three orthogonal layers of graded sawn lumber that are laminated by gluing with structural adhesives.





Mass Timber

# BUILDING THE FUTURE WITH WOOD



Albert Schweitzer School  
SAINT-BRUNO-DE-MONTARVILLE, QUÉBEC

## NORDIC STRUCTURES

Nordic Structures is the leading innovator in mass timber construction. Its resource comes from responsibly managed lands within the regional boreal forest. Vertical integration, from forest to structure, bolstered by Nordic's experienced design and development team, ensures consistent quality and unparalleled level of service.

 NORDIC  
-LAM

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 [nordic.ca/classrooms](https://nordic.ca/classrooms)