


NORDIC

Mass Timber
SCHOOLS

NORDIC
STRUCTURES





Mass Timber

A SMART WAY TO BUILD FOR FUTURE GENERATIONS

Choose mass timber for enhanced educational environments

Multiple studies show that the quality and layout of a school's physical space can have a positive impact on students' performance. Education systems the world over are seeking to change school design, favouring the development of spaces that do more to foster learning.

Mass timber's environmental, architectural and physical properties make it the material of choice for 21st-century schools. With enhanced durability, aesthetics and health benefits, it is an essential component for the future of academic projects.

Mass Timber

ADVANTAGES

Biophilia

Mass timber showcases the beauty of wood, creating a welcoming environment that enhances the learning experience. In addition to its calming aesthetic, it provides improved acoustic and thermal comfort.

Design flexibility

Wood is an architecturally versatile material with innumerable possibilities. Providing aesthetic appeal and long span capability, wood structures offer many benefits and competitive pricing.

Speed

The use of prefabricated mass timber systems greatly reduces erection time, lowering investment costs, improving overall efficiency and allowing the building to be used sooner.

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.

Durability

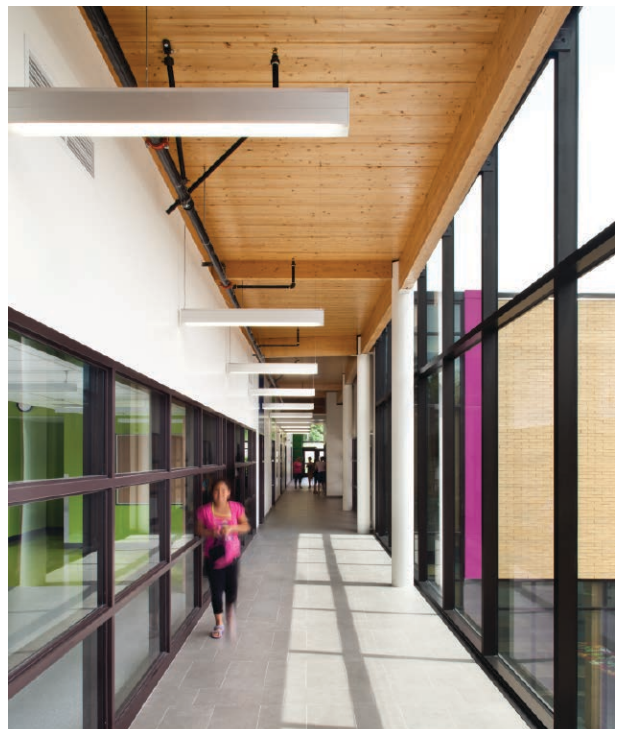
At once timeless and contemporary, mass timber is the optimal building material. Natural and reliable, it is the product of the future with centuries of proven performance.

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 PROJECTS



Sans-Frontières
Elementary School
SAINT-JÉRÔME, QUÉBEC



Adélarde-Desrosiers
Elementary School
MONTREAL, QUEBEC









Dollard-des-Ormeaux
Elementary School
DOLLARD-DES-ORMEAUX, QUÉBEC



UQAT
Science Pavilion
ROUYN-NORANDA, 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

Paul-Mercier
Municipal Library
BLAINVILLE, 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.ca/schools