

## Easy to assemble

NOVOFAB structural insulating panels come in different sizes and are easy to assemble on site with a few workers.

To make it easier to install electricity and plumbing, an air space on the inner side of the system is provided. The bottom rail and top rail are installed according to current wood-framing practices. The door lintels and windows are also built in a conventional way.

Wind-bracing is provided by furrings, wind-bracing bars or plywood, depending on the chosen cladding.



NOVOFAB walls are built according to your plans and specifications and delivered pre-assembled to your construction site when you need them.

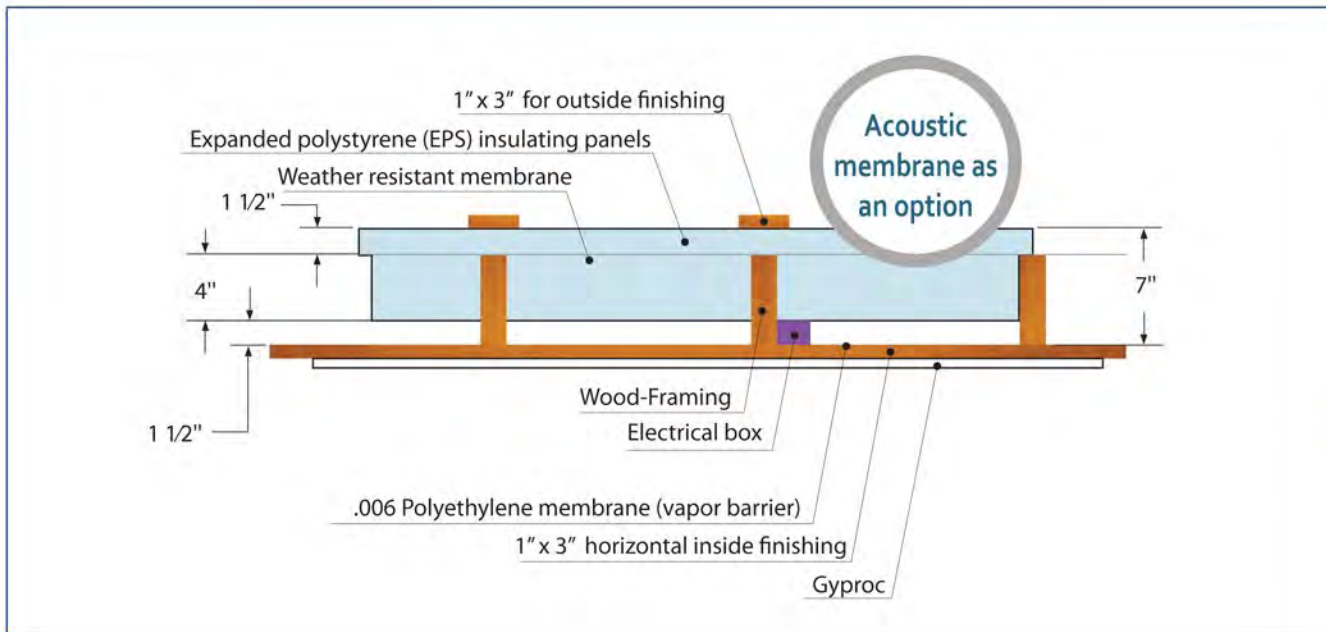
## State-of-the-art technology

NOVOFAB walls eliminate all thermal bridges by separating the structure from the outside face of the wall with insulation. This is the system's main feature.

### Description

NOVOFAB structural insulating panels are manufactured from expanded polystyrene and wood-framing. Combining conventional wood-framing techniques and expanded polystyrene's efficiency, NOVOFAB is a prefabricated, high-performance insulation system providing R25 insulation, which exceeds Novoclimat's certification standards. It has a seamless and rigid outside insulating envelope to avoid heat loss from wood components. To ensure the continuity of insulation between stories, the NOVOFAB system has an expanded polystyrene strip that covers the entire header joist.

## Novo-Primo Wall



## NOVOFAB

State-of-the-art prefabricated walls



# ADVANTAGES

## Eliminates air leaks

A seamless, exterior insulating envelope avoids heat loss from wood framing.

## Greater energy efficiency

40% more efficient than the traditional insulation method.\*

## Dry and comfortable space

No condensation.

## Better air quality

No harmful gas emissions.

## Easy to install

Wood-framing and insulation are reduced to one step.

## Durability

The walls retain their insulating properties for life.

\*Compared with the traditional insulation method, consisting of a vapour barrier, 1" x 3" furrings, and batt insulation.

Did you know ...

The SR.S™ 200 system is a product that helps builders meet the stringent requirements of certification programs such as Novoclimat.

R25

# NOVOFAB

In recent years, prefabricated walls have become increasingly popular among home builders.

The NOVOFAB prefabricated wall is now introduced into the more traditional line of products by offering characteristics that improve energy efficiency.

Being complete on their own, no additional insulation material is required to meet the new ecological energy standards. A simple polyethylene membrane must cover the inner wall to act as a vapour barrier.

NOVOFAB meets all the essential requirements to make your investment more profitable.

## Physical properties

Thermal resistance, min (R factor for insulation, 1 1/2" air space, vapour barrier, gypsum)

SR.S™ 2"x6"

25.0

For more information  
Visit our Web site: [www.novofab.ca](http://www.novofab.ca)  
Tel.: 514 905-3889  
Toll free : 1-800-268-7441



## Enjoy environment-friendly comfort !

Styro Rail insulation is made of rigid, sealed plastic cells to ensure optimal thermal performance and excellent water resistance. It does not contain ozone-depleting chemicals, and it complies with current environmental standards. Easy to transport and handle, Styro Rail insulation is inert, stable, does not represent any food value, and will not attract animals, insects, parasites or plants.

Styro Rail insulation is 100% recyclable.



**Novofab Structure inc.**

Montreal office  
Tel.: 514-905-3889  
Toll free: 1 800-268-7441  
Email: [info@novofab.ca](mailto:info@novofab.ca)

For more information  
Visit our web site: [www.novofab.ca](http://www.novofab.ca)