



Quality products that feature innovation to make the building process easier and faster is crucial to our customers. We believe driving innovation and changing the status quo allows us to provide the most innovative line of insulation products on the market. The NOVOFOIL® is a non-toxic reflective vapour-barrier insulation board offering builders a lightweight and easy to handle product which provides faster installation.

For home owners, it offers a higher thermal resistance, better sealing and overall comfort. At the core of this innovative line is a laminated vapour-barrier membrane which allows for a stable and uniform indoor temperature year round.

For builders, the NOVOFOIL® is ideal for interior walls, ceilings and interior foundations walls and provides better installation with a ½" (13 mm) shiplap on the board. This innovative board features energy savings through the elimination of thermal bridging and permanent insulation value. The end result is increased comfort.

#### FOR INTERNAL USE ONLY



#### ADVANTAGES

##### SUPERIOR PERFORMANCE

- Higher thermal resistance when installed with wood strips
- Efficient Installation: laminated vapour-barrier membrane on the board with benchmarks at 8" (203 mm) intervals (two installation steps in one)
- Better Sealing: shiplapped ½" (13 mm) on both sides
- Lightweight and easy to handle
- Quick Installation: covers a surface area of 32ft<sup>2</sup> (3 m<sup>2</sup>)
- Test results exceeding ULC standards
- Increased Comfort: allows for a stable and uniform indoor temperature year round

##### ECONOMICAL

- Permanent insulation value
- Best quality for the price
- Energy savings through the elimination of thermal bridges
- Less labour required during installation

##### ECOLOGICAL

- Contains recycled material
- Contains no CFCs or HCFCs
- Resistant to water and moisture that may be the primary cause of mildew formation
- Non-toxic, contains 98% air and 2% materials
- Can be handled without health hazards and is non-irritating to skin
- Can contribute to earning points in a part of a LEED® project

MADE IN CANADA



## TECHNICAL DATA

EPS Physical Properties	ASTM Test Method	ULC S701 Type I Requirements	Results
Thermal Resistance 1" (25 mm) thick hr <sup>2</sup> -ft <sup>2</sup> / BTU (m <sup>2</sup> -k/w)	C-518	Min : 3.7 Min : (0.68)	3.87 (0.68)
Water vapour permeability ng/Pa-s-m <sup>2</sup>	E-96	Max : 5.3 Max : (300)	3.67 (208)
Dimensional stability (%)	D-2126	Max : 1.5	0.17
Flexural strength lb/in <sup>2</sup> (kPa)	C-203	Min : 25 Min : (170)	61 (414)
Water absorption (%)	D-2842	Max : 6.0	4.1
Compressive properties lb/in <sup>2</sup> (kPa)	D-1621	Min : 10 Min : (70)	13 (95)

integrated series

<b>Novofoil 3" (76 mm)</b>
R-17.11 <sup>(1)</sup>

(1) Complete wall results included the two air spaces (interior and exterior) and the air space of 3/4" (19 mm) between NOVOFOIL® boards and gypsum boards.

## AVAILABLE SIZES

NUDURA PRODUCT CODE	PRODUCT DIMENSIONS	QTY/BDL
NFOIL0.5-97	½" x 48" x 97" (13 mm x 1219 mm x 2464 mm)	60
NFOIL1-96	1" x 48" x 96" (25 mm x 1219 mm x 2438 mm)	30
NFOIL2-96	2 1/8" x 48" x 96" (54 mm x 1219 mm x 2438 mm)	14
NFOIL3-96	3" x 48" x 96" (76 mm x 1219 mm x 2438 mm)	10
NFOIL3-100	3" x 48" x 100" (76 mm x 1219 mm x 2540 mm)	10

According to project requirements, boards can be cut to the desired thickness before laminating with the aluminum vapour-barrier membrane

The **3" (76 mm)** thick NOVOFOIL® board meets the **new requirements of section 11** on Energy Efficiency of the Quebec Construction Code chapter for foundation wall interior insulation and satisfies most of the new requirements set for Eastern Canadian Provinces. Check with your local Construction Building Code.



**NOVOFOIL®**