



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 AIRCLAD® is a non-toxic air-barrier insulation board offering builders a lightweight and easy to handle product which provides faster installation.

For home owners, it offers energy efficiency and overall comfort. At the core of this innovative line is a laminated air-barrier membrane which allows for a stable and uniform indoor temperature year round.

For builders, the AIRCLAD® is ideal for exterior walls and provides quick installation with 36ft² surface coverage area. This innovative board features energy savings through high-density expanded polystyrene board. The end result is increased comfort.

ADVANTAGES

SUPERIOR PERFORMANCE

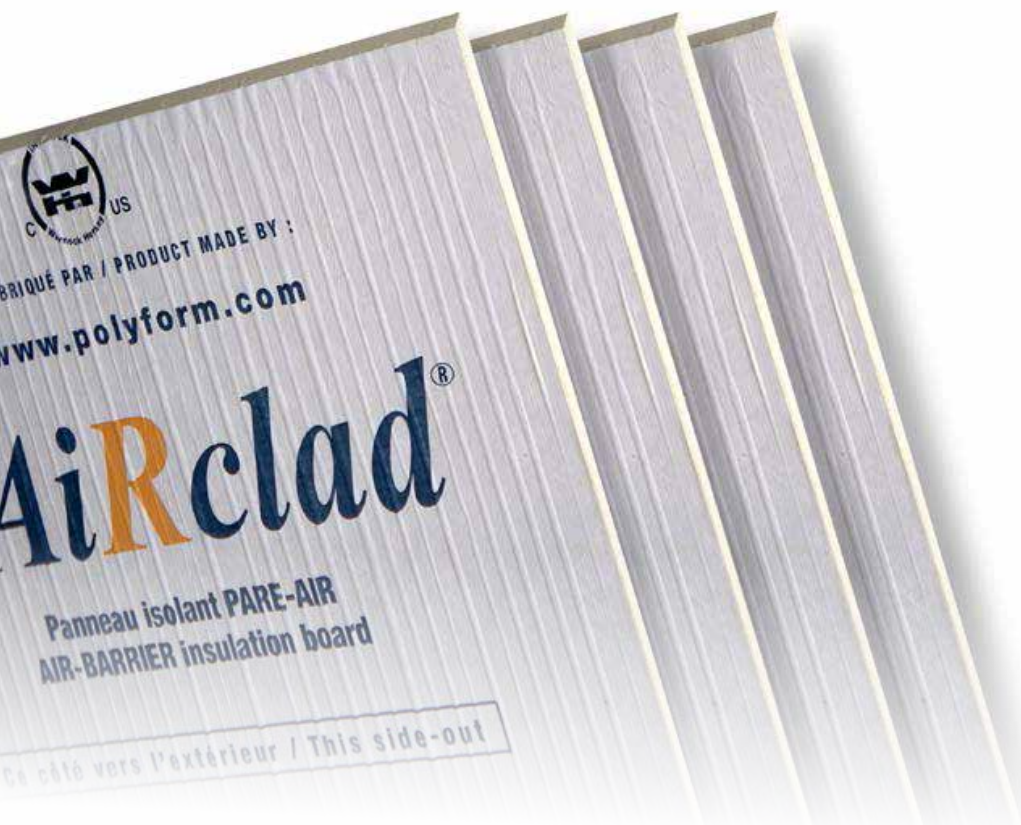
- Efficient Installation: laminated air-barrier membrane on the board with benchmarks at 8" (203 mm) intervals (two installation steps in one)
- More flexible and solid by combining lamination with a high-density expanded polystyrene board
- Increased Comfort: allows for a stable and uniform temperature year round
- Quick Installation: covers a surface area of 32ft² or 36ft² (3 m² or 3.3 m²)
- Light weight and easy to handle
- Test results exceeding ULC standards

ECONOMICAL

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

ECOLOGICAL

- Contains recycled materials
- 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% material
- 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 2 Requirements	Results
Thermal resistance 1" (25 mm) thick hr-F-ft ² ./BTU (m ² k/w)	C-518	Min : 4.0 Min : (0.70)	4.00 (0.70)
Water vapour permeability ng/Pa-s-m ²	E-96	Max : 3.5 Max : (200)	2.35 (133)
Dimensional stability (%)	D-2126	Max : 1.5	0.28
Flexural strength lb/in ² (kPa)	C-203	Min : 35 Min : (240)	72 (497)
Water absorption (%)	D-2842	Max : 4.0	1.7
Compressive properties lb/in ² (kPa)	D-1621	Min : 16 Min : (110)	18 (124)
Limiting oxygen index (%)	D-2863	Min : 24	42

AVAILABLE SIZES

NUDURA PRODUCT CODE	PRODUCT DIMENSIONS	QTY/BDL
ACLADI-96	1" x 48" x 96" (25 mm x 1219 mm x 2438 mm)	30
ACLADI.5-96	1 1/2" x 48" x 96" (38 mm x 1219 mm x 2438 mm)	20
ACLADI-108	1" x 48" x 108" (25 mm x 1219 mm x 2743 mm)	30

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

AIRCLAD® board meets the **new requirements of section 11** on Energy Efficiency of the Quebec Construction Code chapter for insulation of exterior walls and satisfies most of the new requirements set for Eastern Canadian provinces. Check with your local Construction Building Code.

